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U. S. DEPARTMENT OF THE INTERIOR
PROTOTYPE OIL SHALE LEASING PROGRAM

TRACT C-b

QUARTERLY REPORT #3

(Through May 31, 1975)

Submitted to:

Mr. Peter A. Rutledge
Area Oil Shale Supervisor
Conservation District
U. S. Geological Survey
Grand Junction, Colorado

By:

Ashland Oil, Inc.
Atlantic Richfield Company
Shell Oil Company, Operator
The Oil Shale Corporation

JULY 15, 1975

SHOUT
SHARE
IT

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SG-1 MPT 8

SPERRY-SUN

POST OFFICE BOX 36363 HOUSTON, TEXAS 77036 (713) 494-3021

J. A. Fouché
President

February 25, 1975

Mr. Frederick R. Scheerer
Atlantic-Richfield Company
1500 Security Life Building
Denver, Colorado 80202

Dear Mr. Scheerer:

Enclosed is the original of our final results of the Precision Pressure Gauge, Job Number SPG-11228-7, performed on your Federal Sorghum Gulch, Well No. SG-1, Tract C-b, Sorghum Gulch Field, Piceance Creek Area, Rio Blanco County, Colorado, on January 31, through February 2, 1975. This was a Multi-Packer test, with three zones being tested.

# 42	Anulus Gauge-Top	Surface to 1123 Feet	MPT #8
#145	Annulus Gauge-Middle	1123 to 1188 Feet	MPT #8
#140	Inside Drill Pipe Gauge-Bottom	1188 to 2522 Feet	MPT #8

Also enclosed are the charts for Gauge Numbers 42, 145, and 140, with Field Data Sheets.

Distribution is being made according to the attached mailing list.

Thank you for this opportunity to be of service.

Very Truly Yours,

SPERRY-SUN

James A. Welch

James A. Welch
District Manager

JAW/jw

Enclosures

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JOB NUMBER
SPG-11228-7
MPT # 8

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER	SG-1
FIELD/LEASE	SORGHUM GULCH
COUNTY/PARISH	RIO BLANCO
STATE	COLORADO
TYPE OF TEST	MPT #8
REFERENCE ELEV	GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO. 42 WITH 500 PSI ELEMENT

GAUGE DEPTH 1117 FEET TOP GAUGE

ZONE FOR GAUGE NO. 42 ZERO - 1123 FEET

INITIAL HYDROSTATIC 446.969 PSI

LAST NULL ON CHART 455.006 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT AND 1186 FT. TD = 2522 FT

1281 POINTS REPORTED THIS JOB

JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
0.000	452.766	05 35	JAN 31,1975	SET PACKERS
0.033	452.754	05 37	JAN 31,1975	
0.067	453.066	05 39	JAN 31,1975	
0.100	453.089	05 41	JAN 31,1975	
0.133	453.066	05 43	JAN 31,1975	
0.167	453.054	05 45	JAN 31,1975	
0.200	453.054	05 47	JAN 31,1975	
0.233	453.054	05 49	JAN 31,1975	
0.267	453.054	05 51	JAN 31,1975	
0.300	453.054	05 53	JAN 31,1975	
0.333	453.043	05 55	JAN 31,1975	
0.367	453.066	05 57	JAN 31,1975	
0.400	453.054	05 59	JAN 31,1975	
0.433	453.043	06 01	JAN 31,1975	
0.467	453.054	06 03	JAN 31,1975	
0.500	453.112	06 05	JAN 31,1975	
0.533	453.158	06 07	JAN 31,1975	
0.567	453.147	06 09	JAN 31,1975	
0.600	453.170	06 11	JAN 31,1975	START JETTING
0.633	453.158	06 13	JAN 31,1975	
0.667	453.170	06 15	JAN 31,1975	
0.700	453.193	06 17	JAN 31,1975	
0.733	453.205	06 19	JAN 31,1975	
0.767	453.228	06 21	JAN 31,1975	
0.800	453.228	06 23	JAN 31,1975	
0.833	453.239	06 25	JAN 31,1975	
0.867	453.239	06 27	JAN 31,1975	
0.900	453.228	06 29	JAN 31,1975	
0.933	453.262	06 31	JAN 31,1975	
0.967	453.262	06 33	JAN 31,1975	
1.000	453.262	06 35	JAN 31,1975	
1.033	453.262	06 37	JAN 31,1975	
1.067	453.262	06 39	JAN 31,1975	
1.100	453.251	06 41	JAN 31,1975	
1.133	453.262	06 43	JAN 31,1975	
1.167	453.251	06 45	JAN 31,1975	
1.200	453.262	06 47	JAN 31,1975	
1.233	453.262	06 49	JAN 31,1975	
1.267	453.251	06 51	JAN 31,1975	
1.300	453.251	06 53	JAN 31,1975	

JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
1.333	453.251	06	55	JAN 31,1975	
1.367	453.251	06	57	JAN 31,1975	
1.400	453.251	06	59	JAN 31,1975	
1.433	453.228	07	01	JAN 31,1975	
1.467	453.251	07	03	JAN 31,1975	
1.500	453.251	07	05	JAN 31,1975	
1.533	453.239	07	07	JAN 31,1975	
1.567	453.251	07	09	JAN 31,1975	
1.600	453.239	07	11	JAN 31,1975	
1.633	453.228	07	13	JAN 31,1975	
1.667	453.239	07	15	JAN 31,1975	
1.700	453.228	07	17	JAN 31,1975	
1.733	453.228	07	19	JAN 31,1975	
1.767	453.239	07	21	JAN 31,1975	
1.800	453.239	07	23	JAN 31,1975	
1.833	453.228	07	25	JAN 31,1975	
1.867	453.228	07	27	JAN 31,1975	
1.900	453.228	07	29	JAN 31,1975	
1.933	453.228	07	31	JAN 31,1975	
1.967	453.216	07	33	JAN 31,1975	
2.000	453.216	07	35	JAN 31,1975	
2.033	453.216	07	37	JAN 31,1975	
2.067	453.216	07	39	JAN 31,1975	
2.100	453.205	07	41	JAN 31,1975	
2.133	453.228	07	43	JAN 31,1975	
2.167	453.216	07	45	JAN 31,1975	
2.200	453.216	07	47	JAN 31,1975	
2.233	453.205	07	49	JAN 31,1975	
2.267	453.205	07	51	JAN 31,1975	
2.300	453.205	07	53	JAN 31,1975	
2.333	453.205	07	55	JAN 31,1975	
2.367	453.205	07	57	JAN 31,1975	
2.400	453.216	07	59	JAN 31,1975	
2.433	453.216	08	01	JAN 31,1975	
2.467	453.216	08	03	JAN 31,1975	
2.500	453.205	08	05	JAN 31,1975	
2.533	453.216	08	07	JAN 31,1975	
2.567	453.205	08	09	JAN 31,1975	
2.600	453.205	08	11	JAN 31,1975	
2.633	453.205	08	13	JAN 31,1975	

```
JOB NUMBER                                                          DATE OF JOB
SPG-11228-7                                           ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                    DATE OF RUN
42 MPT-8

                                  SPERRY-SUN
                  PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA    PRESSURE                         TIME      DATE               COMMENTS
   TIME      (PSI)                          HR MIN

   2.667    453.205                         08  15 JAN 31,1975
   2.700    453.205                         08  17 JAN 31,1975
   2.733    453.216                         08  19 JAN 31,1975
   2.767    453.216                         08  21 JAN 31,1975
   2.800    453.205                         08  23 JAN 31,1975
   2.833    453.205                         08  25 JAN 31,1975
   2.867    453.205                         08  27 JAN 31,1975
   2.900    453.205                         08  29 JAN 31,1975
   2.933    453.205                         08  31 JAN 31,1975
   2.967    453.205                         08  33 JAN 31,1975
   3.000    453.205                         08  35 JAN 31,1975
   3.033    453.205                         08  37 JAN 31,1975
   3.067    453.205                         08  39 JAN 31,1975
   3.100    453.205                         08  41 JAN 31,1975
   3.133    453.205                         08  43 JAN 31,1975
   3.167    453.205                         08  45 JAN 31,1975
   3.200    453.205                         08  47 JAN 31,1975
   3.233    453.205                         08  49 JAN 31,1975
   3.267    453.205                         08  51 JAN 31,1975
   3.300    453.205                         08  53 JAN 31,1975
   3.333    453.205                         08  55 JAN 31,1975
   3.367    453.205                         08  57 JAN 31,1975
   3.400    453.205                         08  59 JAN 31,1975
   3.433    453.205                         09  01 JAN 31,1975
   3.467    453.205                         09  03 JAN 31,1975
   3.500    453.205                         09  05 JAN 31,1975
   3.533    453.205                         09  07 JAN 31,1975
   3.567    453.205                         09  09 JAN 31,1975
   3.600    453.205                         09  11 JAN 31,1975
   3.633    453.205                         09  13 JAN 31,1975
   3.667    453.205                         09  15 JAN 31,1975
   3.700    453.205                         09  17 JAN 31,1975
   3.733    453.205                         09  19 JAN 31,1975
   3.767    453.205                         09  21 JAN 31,1975
   3.800    453.216                         09  23 JAN 31,1975
   3.833    453.216                         09  25 JAN 31,1975
   3.867    453.216                         09  27 JAN 31,1975
   3.900    453.216                         09  29 JAN 31,1975
   3.933    453.216                         09  31 JAN 31,1975
   3.967    453.216                         09  33 JAN 31,1975
```

JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
4.000	453.216	09	35	JAN 31,1975	
4.033	453.216	09	37	JAN 31,1975	
4.067	453.216	09	39	JAN 31,1975	
4.100	453.216	09	41	JAN 31,1975	
4.133	453.216	09	43	JAN 31,1975	
4.167	453.216	09	45	JAN 31,1975	
4.200	453.216	09	47	JAN 31,1975	
4.233	453.216	09	49	JAN 31,1975	
4.267	453.216	09	51	JAN 31,1975	
4.300	453.216	09	53	JAN 31,1975	
4.333	453.216	09	55	JAN 31,1975	
4.367	453.216	09	57	JAN 31,1975	
4.400	453.216	09	59	JAN 31,1975	
4.433	453.216	10	01	JAN 31,1975	
4.467	453.228	10	03	JAN 31,1975	
4.500	453.239	10	05	JAN 31,1975	
4.533	453.239	10	07	JAN 31,1975	
4.567	453.228	10	09	JAN 31,1975	
4.600	453.239	10	11	JAN 31,1975	
4.633	453.228	10	13	JAN 31,1975	
4.667	453.228	10	15	JAN 31,1975	
4.700	453.228	10	17	JAN 31,1975	
4.733	453.228	10	19	JAN 31,1975	
4.767	453.239	10	21	JAN 31,1975	
4.800	453.228	10	23	JAN 31,1975	
4.833	453.239	10	25	JAN 31,1975	
4.867	453.239	10	27	JAN 31,1975	
4.900	453.239	10	29	JAN 31,1975	
4.933	453.239	10	31	JAN 31,1975	
4.967	453.239	10	33	JAN 31,1975	
5.000	453.251	10	35	JAN 31,1975	
5.033	453.239	10	37	JAN 31,1975	
5.067	453.251	10	39	JAN 31,1975	
5.100	453.251	10	41	JAN 31,1975	
5.133	453.251	10	43	JAN 31,1975	
5.167	453.251	10	45	JAN 31,1975	
5.200	453.251	10	47	JAN 31,1975	
5.233	453.251	10	49	JAN 31,1975	
5.267	453.251	10	51	JAN 31,1975	
5.300	453.251	10	53	JAN 31,1975	

```
JOB NUMBER
SPG-11228-7                                                   DATE OF JOB
                                              ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8                                                      DATE OF RUN


                              SPERRY-SUN
           PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA     PRESSURE                       TIME      DATE                 COMMENTS
TIME       (PSI)                        HR MIN

5.333     453.251                       10  55  JAN 31,1975
5.367     453.251                       10  57  JAN 31,1975
5.400     453.251                       10  59  JAN 31,1975
5.433     453.251                       11  01  JAN 31,1975
5.467     453.239                       11  03  JAN 31,1975
5.500     453.251                       11  05  JAN 31,1975
5.533     453.262                       11  07  JAN 31,1975
5.567     453.262                       11  09  JAN 31,1975
5.600     453.262                       11  11  JAN 31,1975
5.633     453.262                       11  13  JAN 31,1975
5.667     453.262                       11  15  JAN 31,1975
5.700     453.262                       11  17  JAN 31,1975
5.733     453.262                       11  19  JAN 31,1975
5.767     453.262                       11  21  JAN 31,1975
5.800     453.262                       11  23  JAN 31,1975
5.833     453.262                       11  25  JAN 31,1975
5.867     453.262                       11  27  JAN 31,1975
5.900     453.262                       11  29  JAN 31,1975
5.933     453.274                       11  31  JAN 31,1975
5.967     453.274                       11  33  JAN 31,1975
6.000     453.262                       11  35  JAN 31,1975
6.033     453.262                       11  37  JAN 31,1975
6.067     453.274                       11  39  JAN 31,1975
6.100     453.274                       11  41  JAN 31,1975
6.133     453.274                       11  43  JAN 31,1975
6.167     453.274                       11  45  JAN 31,1975
6.200     453.274                       11  47  JAN 31,1975
6.233     453.274                       11  49  JAN 31,1975
6.267     453.274                       11  51  JAN 31,1975
6.300     453.274                       11  53  JAN 31,1975
6.333     453.285                       11  55  JAN 31,1975
6.367     453.251                       11  57  JAN 31,1975
6.400     453.297                       11  59  JAN 31,1975
6.433     453.297                       12  01  JAN 31,1975
6.467     453.297                       12  03  JAN 31,1975
6.500     453.297                       12  05  JAN 31,1975
6.533     453.297                       12  07  JAN 31,1975
6.567     453.297                       12  09  JAN 31,1975
6.600     453.297                       12  11  JAN 31,1975
6.633     453.297                       12  13  JAN 31,1975
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JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
6.667	453.297	12	15	JAN 31,1975	
6.700	453.297	12	17	JAN 31,1975	
6.733	453.309	12	19	JAN 31,1975	
6.767	453.309	12	21	JAN 31,1975	
6.800	453.309	12	23	JAN 31,1975	
6.833	453.309	12	25	JAN 31,1975	
6.867	453.309	12	27	JAN 31,1975	
6.900	453.309	12	29	JAN 31,1975	
6.933	453.309	12	31	JAN 31,1975	
6.967	453.309	12	33	JAN 31,1975	
7.000	453.309	12	35	JAN 31,1975	
7.033	453.309	12	37	JAN 31,1975	
7.067	453.309	12	39	JAN 31,1975	
7.100	453.309	12	41	JAN 31,1975	
7.133	453.309	12	43	JAN 31,1975	
7.167	453.309	12	45	JAN 31,1975	
7.200	453.320	12	47	JAN 31,1975	
7.233	453.309	12	49	JAN 31,1975	
7.267	453.320	12	51	JAN 31,1975	
7.300	453.309	12	53	JAN 31,1975	
7.333	453.320	12	55	JAN 31,1975	
7.367	453.320	12	57	JAN 31,1975	
7.400	453.320	12	59	JAN 31,1975	
7.433	453.320	13	01	JAN 31,1975	
7.467	453.320	13	03	JAN 31,1975	
7.500	453.320	13	05	JAN 31,1975	
7.533	453.343	13	07	JAN 31,1975	
7.567	453.320	13	09	JAN 31,1975	
7.600	453.332	13	11	JAN 31,1975	
7.633	453.332	13	13	JAN 31,1975	
7.667	453.343	13	15	JAN 31,1975	
7.700	453.332	13	17	JAN 31,1975	
7.733	453.343	13	19	JAN 31,1975	
7.767	453.343	13	21	JAN 31,1975	
7.800	453.343	13	23	JAN 31,1975	
7.833	453.343	13	25	JAN 31,1975	
7.867	453.343	13	27	JAN 31,1975	
7.900	453.343	13	29	JAN 31,1975	
7.933	453.343	13	31	JAN 31,1975	
7.967	453.343	13	33	JAN 31,1975	

JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
42 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
8.000	453.343	13	35	JAN 31,1975	
8.033	453.343	13	37	JAN 31,1975	
8.067	453.343	13	39	JAN 31,1975	
8.100	453.343	13	41	JAN 31,1975	
8.133	453.343	13	43	JAN 31,1975	
8.167	453.343	13	45	JAN 31,1975	
8.200	453.343	13	47	JAN 31,1975	
8.233	453.343	13	49	JAN 31,1975	
8.267	453.343	13	51	JAN 31,1975	
8.300	453.343	13	53	JAN 31,1975	
8.333	453.355	13	55	JAN 31,1975	
8.367	453.355	13	57	JAN 31,1975	
8.400	453.366	13	59	JAN 31,1975	
8.433	453.355	14	01	JAN 31,1975	
8.467	453.366	14	03	JAN 31,1975	
8.500	453.366	14	05	JAN 31,1975	
8.533	453.378	14	07	JAN 31,1975	
8.567	453.378	14	09	JAN 31,1975	
8.600	453.378	14	11	JAN 31,1975	
8.633	453.366	14	13	JAN 31,1975	
8.667	453.378	14	15	JAN 31,1975	
8.700	453.378	14	17	JAN 31,1975	
8.733	453.378	14	19	JAN 31,1975	
8.767	453.378	14	21	JAN 31,1975	
8.800	453.378	14	23	JAN 31,1975	
8.833	453.389	14	25	JAN 31,1975	
8.867	453.389	14	27	JAN 31,1975	
8.900	453.389	14	29	JAN 31,1975	
8.933	453.389	14	31	JAN 31,1975	
8.967	453.389	14	33	JAN 31,1975	
9.000	453.389	14	35	JAN 31,1975	
9.033	453.389	14	37	JAN 31,1975	
9.067	453.389	14	39	JAN 31,1975	
9.100	453.401	14	41	JAN 31,1975	
9.133	453.401	14	43	JAN 31,1975	
9.167	453.401	14	45	JAN 31,1975	
9.200	453.401	14	47	JAN 31,1975	
9.233	453.401	14	49	JAN 31,1975	
9.267	453.412	14	51	JAN 31,1975	
9.300	453.412	14	53	JAN 31,1975	

JOB NUMBER
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
9.333	453.412	14	55	JAN 31,1975	
9.367	453.412	14	57	JAN 31,1975	
9.400	453.412	14	59	JAN 31,1975	
9.433	453.412	15	01	JAN 31,1975	
9.467	453.412	15	03	JAN 31,1975	
9.500	453.412	15	05	JAN 31,1975	
9.533	453.412	15	07	JAN 31,1975	
9.567	453.412	15	09	JAN 31,1975	
9.600	453.412	15	11	JAN 31,1975	
9.633	453.424	15	13	JAN 31,1975	
9.667	453.424	15	15	JAN 31,1975	
9.700	453.424	15	17	JAN 31,1975	
9.733	453.424	15	19	JAN 31,1975	
9.767	453.436	15	21	JAN 31,1975	
9.800	453.436	15	23	JAN 31,1975	
9.833	453.436	15	25	JAN 31,1975	
9.867	453.436	15	27	JAN 31,1975	
9.900	453.436	15	29	JAN 31,1975	
9.933	453.436	15	31	JAN 31,1975	
9.967	453.424	15	33	JAN 31,1975	
10.000	453.436	15	35	JAN 31,1975	
10.033	453.424	15	37	JAN 31,1975	
10.067	453.436	15	39	JAN 31,1975	
10.100	453.436	15	41	JAN 31,1975	
10.133	453.447	15	43	JAN 31,1975	
10.167	453.447	15	45	JAN 31,1975	
10.200	453.447	15	47	JAN 31,1975	
10.233	453.436	15	49	JAN 31,1975	
10.267	453.447	15	51	JAN 31,1975	
10.300	453.459	15	53	JAN 31,1975	
10.333	453.459	15	55	JAN 31,1975	
10.367	453.447	15	57	JAN 31,1975	
10.400	453.447	15	59	JAN 31,1975	
10.433	453.459	16	01	JAN 31,1975	
10.467	453.459	16	03	JAN 31,1975	
10.500	453.459	16	05	JAN 31,1975	
10.533	453.459	16	07	JAN 31,1975	
10.567	453.459	16	09	JAN 31,1975	
10.600	453.470	16	11	JAN 31,1975	
10.633	453.482	16	13	JAN 31,1975	

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    TIME      (PSI)                       HR MIN

   10.667     453.482                     16   15 JAN 31,1975
   10.700     453.482                     16   17 JAN 31,1975
   10.733     453.482                     16   19 JAN 31,1975
   10.767     453.482                     16   21 JAN 31,1975
   10.800     453.482                     16   23 JAN 31,1975
   10.833     453.482                     16   25 JAN 31,1975
   10.867     453.493                     16   27 JAN 31,1975
   10.900     453.505                     16   29 JAN 31,1975
   10.933     453.505                     16   31 JAN 31,1975
   10.967     453.505                     16   33 JAN 31,1975
   11.000     453.470                     16   35 JAN 31,1975
   11.033     453.505                     16   37 JAN 31,1975
   11.067     453.505                     16   39 JAN 31,1975
   11.100     453.516                     16   41 JAN 31,1975
   11.133     453.516                     16   43 JAN 31,1975
   11.167     453.516                     16   45 JAN 31,1975
   11.200     453.516                     16   47 JAN 31,1975
   11.233     453.516                     16   49 JAN 31,1975
   11.267     453.528                     16   51 JAN 31,1975
   11.300     453.516                     16   53 JAN 31,1975
   11.333     453.528                     16   55 JAN 31,1975
   11.367     453.528                     16   57 JAN 31,1975
   11.400     453.528                     16   59 JAN 31,1975
   11.433     453.528                     17   01 JAN 31,1975
   11.467     453.528                     17   03 JAN 31,1975
   11.500     453.539                     17   05 JAN 31,1975
   11.533     453.539                     17   07 JAN 31,1975
   11.567     453.539                     17   09 JAN 31,1975
   11.600     453.528                     17   11 JAN 31,1975
   11.633     453.539                     17   13 JAN 31,1975
   11.667     453.551                     17   15 JAN 31,1975
   11.700     453.551                     17   17 JAN 31,1975
   11.733     453.551                     17   19 JAN 31,1975
   11.767     453.563                     17   21 JAN 31,1975
   11.800     453.563                     17   23 JAN 31,1975
   11.833     453.563                     17   25 JAN 31,1975
   11.867     453.563                     17   27 JAN 31,1975
   11.900     453.563                     17   29 JAN 31,1975
   11.933     453.563                     17   31 JAN 31,1975
   11.967     453.563                     17   33 JAN 31,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
12.000	453.563	17	35	JAN 31,1975	
12.033	453.574	17	37	JAN 31,1975	
12.067	453.574	17	39	JAN 31,1975	
12.100	453.574	17	41	JAN 31,1975	
12.133	453.574	17	43	JAN 31,1975	
12.167	453.586	17	45	JAN 31,1975	
12.200	453.586	17	47	JAN 31,1975	
12.233	453.597	17	49	JAN 31,1975	
12.267	453.597	17	51	JAN 31,1975	
12.300	453.597	17	53	JAN 31,1975	
12.333	453.597	17	55	JAN 31,1975	
12.367	453.597	17	57	JAN 31,1975	
12.400	453.597	17	59	JAN 31,1975	
12.433	453.597	18	01	JAN 31,1975	
12.467	453.597	18	03	JAN 31,1975	
12.500	453.609	18	05	JAN 31,1975	
12.533	453.597	18	07	JAN 31,1975	
12.567	453.609	18	09	JAN 31,1975	
12.600	453.609	18	11	JAN 31,1975	
12.633	453.620	18	13	JAN 31,1975	
12.667	453.632	18	15	JAN 31,1975	
12.700	453.632	18	17	JAN 31,1975	
12.733	453.632	18	19	JAN 31,1975	
12.767	453.632	18	21	JAN 31,1975	
12.800	453.632	18	23	JAN 31,1975	
12.833	453.632	18	25	JAN 31,1975	
12.867	453.632	18	27	JAN 31,1975	
12.900	453.655	18	29	JAN 31,1975	
12.933	453.643	18	31	JAN 31,1975	
12.967	453.643	18	33	JAN 31,1975	
13.000	453.643	18	35	JAN 31,1975	
13.033	453.643	18	37	JAN 31,1975	
13.067	453.655	18	39	JAN 31,1975	
13.100	453.655	18	41	JAN 31,1975	
13.133	453.655	18	43	JAN 31,1975	
13.167	453.655	18	45	JAN 31,1975	
13.200	453.666	18	47	JAN 31,1975	
13.233	453.666	18	49	JAN 31,1975	
13.267	453.678	18	51	JAN 31,1975	
13.300	453.678	18	53	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
13.333	453.678	18	55	JAN 31,1975	
13.367	453.678	18	57	JAN 31,1975	
13.400	453.678	18	59	JAN 31,1975	
13.433	453.690	19	01	JAN 31,1975	
13.467	453.678	19	03	JAN 31,1975	
13.500	453.678	19	05	JAN 31,1975	
13.533	453.690	19	07	JAN 31,1975	
13.567	453.690	19	09	JAN 31,1975	
13.600	453.690	19	11	JAN 31,1975	
13.633	453.690	19	13	JAN 31,1975	
13.667	453.713	19	15	JAN 31,1975	
13.700	453.713	19	17	JAN 31,1975	
13.733	453.713	19	19	JAN 31,1975	
13.767	453.701	19	21	JAN 31,1975	
13.800	453.701	19	23	JAN 31,1975	
13.833	453.713	19	25	JAN 31,1975	
13.867	453.701	19	27	JAN 31,1975	
13.900	453.713	19	29	JAN 31,1975	
13.933	453.713	19	31	JAN 31,1975	
13.967	453.713	19	33	JAN 31,1975	
14.000	453.713	19	35	JAN 31,1975	
14.033	453.713	19	37	JAN 31,1975	
14.067	453.724	19	39	JAN 31,1975	
14.100	453.724	19	41	JAN 31,1975	
14.133	453.724	19	43	JAN 31,1975	
14.167	453.724	19	45	JAN 31,1975	
14.200	453.747	19	47	JAN 31,1975	
14.233	453.736	19	49	JAN 31,1975	
14.267	453.736	19	51	JAN 31,1975	
14.300	453.736	19	53	JAN 31,1975	
14.333	453.747	19	55	JAN 31,1975	
14.367	453.736	19	57	JAN 31,1975	
14.400	453.736	19	59	JAN 31,1975	
14.433	453.747	20	01	JAN 31,1975	
14.467	453.747	20	03	JAN 31,1975	
14.500	453.747	20	05	JAN 31,1975	
14.533	453.747	20	07	JAN 31,1975	
14.567	453.759	20	09	JAN 31,1975	
14.600	453.759	20	11	JAN 31,1975	
14.633	453.759	20	13	JAN 31,1975	

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   DELTA    PRESSURE                 TIME      DATE              COMMENTS
   TIME      (PSI)                  HR MIN

  14.667    453.770                 20   15 JAN 31,1975
  14.700    453.770                 20   17 JAN 31,1975
  14.733    453.770                 20   19 JAN 31,1975
  14.767    453.770                 20   21 JAN 31,1975
  14.800    453.770                 20   23 JAN 31,1975
  14.833    453.770                 20   25 JAN 31,1975
  14.867    453.770                 20   27 JAN 31,1975
  14.900    453.782                 20   29 JAN 31,1975
  14.933    453.770                 20   31 JAN 31,1975
  14.967    453.770                 20   33 JAN 31,1975
  15.000    453.782                 20   35 JAN 31,1975
  15.033    453.793                 20   37 JAN 31,1975
  15.067    453.793                 20   39 JAN 31,1975
  15.100    453.793                 20   41 JAN 31,1975
  15.133    453.805                 20   43 JAN 31,1975
  15.167    453.805                 20   45 JAN 31,1975
  15.200    453.805                 20   47 JAN 31,1975
  15.233    453.805                 20   49 JAN 31,1975
  15.267    453.817                 20   51 JAN 31,1975
  15.300    453.817                 20   53 JAN 31,1975
  15.333    453.817                 20   55 JAN 31,1975
  15.367    453.817                 20   57 JAN 31,1975
  15.400    453.817                 20   59 JAN 31,1975
  15.433    453.817                 21   01 JAN 31,1975
  15.467    453.817                 21   03 JAN 31,1975
  15.500    453.817                 21   05 JAN 31,1975
  15.533    453.817                 21   07 JAN 31,1975
  15.567    453.840                 21   09 JAN 31,1975
  15.600    453.828                 21   11 JAN 31,1975
  15.633    453.828                 21   13 JAN 31,1975
  15.667    453.840                 21   15 JAN 31,1975
  15.700    453.840                 21   17 JAN 31,1975
  15.733    453.840                 21   19 JAN 31,1975
  15.767    453.840                 21   21 JAN 31,1975
  15.800    453.851                 21   23 JAN 31,1975
  15.833    453.851                 21   25 JAN 31,1975
  15.867    453.851                 21   27 JAN 31,1975
  15.900    453.840                 21   29 JAN 31,1975
  15.933    453.851                 21   31 JAN 31,1975
  15.967    453.851                 21   33 JAN 31,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.000	453.851	21 35	JAN 31,1975	
16.033	453.851	21 37	JAN 31,1975	
16.067	453.863	21 39	JAN 31,1975	
16.100	453.863	21 41	JAN 31,1975	
16.133	453.863	21 43	JAN 31,1975	
16.167	453.863	21 45	JAN 31,1975	
16.200	453.863	21 47	JAN 31,1975	
16.233	453.863	21 49	JAN 31,1975	
16.267	453.863	21 51	JAN 31,1975	
16.300	453.874	21 53	JAN 31,1975	
16.333	453.874	21 55	JAN 31,1975	
16.367	453.874	21 57	JAN 31,1975	
16.400	453.886	21 59	JAN 31,1975	
16.433	453.886	22 01	JAN 31,1975	
16.467	453.886	22 03	JAN 31,1975	
16.500	453.886	22 05	JAN 31,1975	
16.533	453.874	22 07	JAN 31,1975	
16.567	453.886	22 09	JAN 31,1975	
16.600	453.886	22 11	JAN 31,1975	
16.633	453.886	22 13	JAN 31,1975	
16.667	453.886	22 15	JAN 31,1975	
16.700	453.897	22 17	JAN 31,1975	
16.733	453.897	22 19	JAN 31,1975	
16.766	453.886	22 21	JAN 31,1975	
16.800	453.897	22 23	JAN 31,1975	
16.833	453.897	22 25	JAN 31,1975	
16.866	453.909	22 27	JAN 31,1975	
16.900	453.909	22 29	JAN 31,1975	
16.933	453.897	22 31	JAN 31,1975	
16.966	453.909	22 33	JAN 31,1975	
17.000	453.909	22 35	JAN 31,1975	
17.033	453.909	22 37	JAN 31,1975	
17.066	453.909	22 39	JAN 31,1975	
17.100	453.921	22 41	JAN 31,1975	
17.133	453.921	22 43	JAN 31,1975	
17.166	453.921	22 45	JAN 31,1975	
17.200	453.921	22 47	JAN 31,1975	
17.233	453.932	22 49	JAN 31,1975	
17.266	453.921	22 51	JAN 31,1975	
17.300	453.932	22 53	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
17.333	453.932	22	55	JAN 31,1975	
17.366	453.932	22	57	JAN 31,1975	
17.400	453.932	22	59	JAN 31,1975	
17.433	453.932	23	01	JAN 31,1975	
17.466	453.932	23	03	JAN 31,1975	
17.500	453.932	23	05	JAN 31,1975	
17.533	453.932	23	07	JAN 31,1975	
17.566	453.932	23	09	JAN 31,1975	
17.600	453.944	23	11	JAN 31,1975	
17.633	453.944	23	13	JAN 31,1975	
17.666	453.932	23	15	JAN 31,1975	
17.700	453.944	23	17	JAN 31,1975	
17.733	453.944	23	19	JAN 31,1975	
17.766	453.955	23	21	JAN 31,1975	
17.800	453.955	23	23	JAN 31,1975	
17.833	453.955	23	25	JAN 31,1975	
17.866	453.955	23	27	JAN 31,1975	
17.900	453.955	23	29	JAN 31,1975	
17.933	453.955	23	31	JAN 31,1975	
17.966	453.967	23	33	JAN 31,1975	
18.000	453.967	23	35	JAN 31,1975	
18.033	453.967	23	37	JAN 31,1975	
18.066	453.967	23	39	JAN 31,1975	
18.100	453.967	23	41	JAN 31,1975	
18.133	453.978	23	43	JAN 31,1975	
18.166	453.978	23	45	JAN 31,1975	
18.200	453.967	23	47	JAN 31,1975	
18.233	453.978	23	49	JAN 31,1975	
18.266	453.978	23	51	JAN 31,1975	
18.300	453.978	23	53	JAN 31,1975	
18.333	453.978	23	55	JAN 31,1975	
18.366	453.978	23	57	JAN 31,1975	
18.400	453.978	23	59	JAN 31,1975	
18.433	453.978	00	01	FEB 01,1975	
18.466	453.978	00	03	FEB 01,1975	
18.500	453.978	00	05	FEB 01,1975	
18.533	453.990	00	07	FEB 01,1975	
18.566	453.990	00	09	FEB 01,1975	
18.600	453.990	00	11	FEB 01,1975	
18.633	453.990	00	13	FEB 01,1975	

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18.666	453.955	00 15	FEB 01,1975	
18.700	454.013	00 17	FEB 01,1975	
18.733	453.990	00 19	FEB 01,1975	
18.766	454.001	00 21	FEB 01,1975	
18.800	454.001	00 23	FEB 01,1975	
18.833	454.001	00 25	FEB 01,1975	
18.866	454.001	00 27	FEB 01,1975	
18.900	454.013	00 29	FEB 01,1975	
18.933	454.013	00 31	FEB 01,1975	
18.966	454.013	00 33	FEB 01,1975	
19.000	454.013	00 35	FEB 01,1975	
19.033	454.013	00 37	FEB 01,1975	
19.066	454.013	00 39	FEB 01,1975	
19.100	454.013	00 41	FEB 01,1975	
19.133	454.013	00 43	FEB 01,1975	
19.166	454.024	00 45	FEB 01,1975	
19.200	454.024	00 47	FEB 01,1975	
19.233	454.024	00 49	FEB 01,1975	
19.266	454.024	00 51	FEB 01,1975	
19.300	454.024	00 53	FEB 01,1975	
19.333	454.036	00 55	FEB 01,1975	
19.366	454.036	00 57	FEB 01,1975	
19.400	454.036	00 59	FEB 01,1975	
19.433	454.036	01 01	FEB 01,1975	
19.466	454.036	01 03	FEB 01,1975	
19.500	454.036	01 05	FEB 01,1975	
19.533	454.036	01 07	FEB 01,1975	
19.566	454.036	01 09	FEB 01,1975	
19.600	454.048	01 11	FEB 01,1975	
19.633	454.046	01 13	FEB 01,1975	
19.666	454.048	01 15	FEB 01,1975	
19.700	454.059	01 17	FEB 01,1975	
19.733	454.059	01 19	FEB 01,1975	
19.766	454.048	01 21	FEB 01,1975	
19.800	454.059	01 23	FEB 01,1975	
19.833	454.059	01 25	FEB 01,1975	
19.866	454.059	01 27	FEB 01,1975	
19.900	454.059	01 29	FEB 01,1975	
19.933	454.059	01 31	FEB 01,1975	
19.966	454.059	01 33	FEB 01,1975	

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20.000	454.059	01	35	FEB 01,1975	
20.033	454.071	01	37	FEB 01,1975	
20.066	454.071	01	39	FEB 01,1975	
20.100	454.071	01	41	FEB 01,1975	
20.133	454.059	01	43	FEB 01,1975	
20.166	454.071	01	45	FEB 01,1975	
20.200	454.071	01	47	FEB 01,1975	
20.233	454.071	01	49	FEB 01,1975	
20.266	454.082	01	51	FEB 01,1975	
20.300	454.082	01	53	FEB 01,1975	
20.333	454.082	01	55	FEB 01,1975	
20.366	454.082	01	57	FEB 01,1975	
20.400	454.082	01	59	FEB 01,1975	
20.433	454.082	02	01	FEB 01,1975	
20.466	454.024	02	03	FEB 01,1975	
20.500	454.048	02	05	FEB 01,1975	
20.533	454.094	02	07	FEB 01,1975	
20.566	454.105	02	09	FEB 01,1975	
20.600	454.105	02	11	FEB 01,1975	
20.633	454.094	02	13	FEB 01,1975	
20.666	454.105	02	15	FEB 01,1975	
20.700	454.105	02	17	FEB 01,1975	
20.733	454.105	02	19	FEB 01,1975	
20.766	454.105	02	21	FEB 01,1975	
20.800	454.105	02	23	FEB 01,1975	
20.833	454.105	02	25	FEB 01,1975	
20.866	454.105	02	27	FEB 01,1975	
20.900	454.105	02	29	FEB 01,1975	
20.933	454.105	02	31	FEB 01,1975	
20.966	454.117	02	33	FEB 01,1975	
21.000	454.117	02	35	FEB 01,1975	
21.033	454.117	02	37	FEB 01,1975	
21.066	454.117	02	39	FEB 01,1975	
21.100	454.128	02	41	FEB 01,1975	
21.133	454.128	02	43	FEB 01,1975	
21.166	454.117	02	45	FEB 01,1975	
21.200	454.128	02	47	FEB 01,1975	
21.233	454.128	02	49	FEB 01,1975	
21.266	454.128	02	51	FEB 01,1975	
21.300	454.128	02	53	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.333	454.128	02 55	FEB 01,1975	
21.366	454.140	02 57	FEB 01,1975	
21.400	454.140	02 59	FEB 01,1975	
21.433	454.140	03 01	FEB 01,1975	
21.466	454.140	03 03	FEB 01,1975	
21.500	454.140	03 05	FEB 01,1975	
21.533	454.140	03 07	FEB 01,1975	
21.566	454.105	03 09	FEB 01,1975	
21.600	454.140	03 11	FEB 01,1975	
21.633	454.163	03 13	FEB 01,1975	
21.666	454.151	03 15	FEB 01,1975	
21.700	454.151	03 17	FEB 01,1975	
21.733	454.151	03 19	FEB 01,1975	
21.766	454.163	03 21	FEB 01,1975	
21.800	454.151	03 23	FEB 01,1975	
21.833	454.151	03 25	FEB 01,1975	
21.866	454.163	03 27	FEB 01,1975	
21.900	454.163	03 29	FEB 01,1975	
21.933	454.163	03 31	FEB 01,1975	
21.966	454.163	03 33	FEB 01,1975	
22.000	454.163	03 35	FEB 01,1975	
22.033	454.163	03 37	FEB 01,1975	
22.066	454.175	03 39	FEB 01,1975	
22.100	454.163	03 41	FEB 01,1975	
22.133	454.175	03 43	FEB 01,1975	
22.166	454.186	03 45	FEB 01,1975	
22.200	454.186	03 47	FEB 01,1975	
22.233	454.186	03 49	FEB 01,1975	
22.266	454.175	03 51	FEB 01,1975	
22.300	454.186	03 53	FEB 01,1975	
22.333	454.186	03 55	FEB 01,1975	
22.366	454.186	03 57	FEB 01,1975	
22.400	454.186	03 59	FEB 01,1975	
22.433	454.198	04 01	FEB 01,1975	
22.466	454.196	04 03	FEB 01,1975	
22.500	454.186	04 05	FEB 01,1975	
22.533	454.198	04 07	FEB 01,1975	
22.566	454.195	04 09	FEB 01,1975	
22.600	454.198	04 11	FEB 01,1975	
22.633	454.198	04 13	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
22.666	454.209	04	15	FEB 01,1975	
22.700	454.209	04	17	FEB 01,1975	
22.733	454.209	04	19	FEB 01,1975	
22.766	454.209	04	21	FEB 01,1975	
22.800	454.209	04	23	FEB 01,1975	
22.833	454.209	04	25	FEB 01,1975	
22.866	454.209	04	27	FEB 01,1975	
22.900	454.221	04	29	FEB 01,1975	
22.933	454.221	04	31	FEB 01,1975	
22.966	454.221	04	33	FEB 01,1975	
23.000	454.221	04	35	FEB 01,1975	
23.033	454.221	04	37	FEB 01,1975	
23.066	454.232	04	39	FEB 01,1975	
23.100	454.232	04	41	FEB 01,1975	
23.133	454.221	04	43	FEB 01,1975	
23.166	454.232	04	45	FEB 01,1975	
23.200	454.232	04	47	FEB 01,1975	
23.233	454.232	04	49	FEB 01,1975	
23.266	454.232	04	51	FEB 01,1975	
23.300	454.232	04	53	FEB 01,1975	
23.333	454.244	04	55	FEB 01,1975	
23.366	454.232	04	57	FEB 01,1975	
23.400	454.244	04	59	FEB 01,1975	
23.433	454.244	05	01	FEB 01,1975	
23.466	454.244	05	03	FEB 01,1975	
23.500	454.244	05	05	FEB 01,1975	
23.533	454.244	05	07	FEB 01,1975	
23.566	454.244	05	09	FEB 01,1975	
23.600	454.255	05	11	FEB 01,1975	
23.633	454.244	05	13	FEB 01,1975	
23.666	454.255	05	15	FEB 01,1975	
23.700	454.267	05	17	FEB 01,1975	
23.733	454.255	05	19	FEB 01,1975	
23.766	454.267	05	21	FEB 01,1975	
23.800	454.267	05	23	FEB 01,1975	
23.833	454.267	05	25	FEB 01,1975	
23.866	454.267	05	27	FEB 01,1975	
23.900	454.267	05	29	FEB 01,1975	
23.933	454.267	05	31	FEB 01,1975	
23.966	454.278	05	33	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
24.000	454.278	05	35	FEB 01,1975	
24.033	454.278	05	37	FEB 01,1975	
24.066	454.278	05	39	FEB 01,1975	
24.100	454.278	05	41	FEB 01,1975	
24.133	454.290	05	43	FEB 01,1975	
24.166	454.290	05	45	FEB 01,1975	
24.200	454.290	05	47	FEB 01,1975	
24.233	454.290	05	49	FEB 01,1975	
24.266	454.290	05	51	FEB 01,1975	
24.300	454.290	05	53	FEB 01,1975	
24.333	454.290	05	55	FEB 01,1975	
24.366	454.302	05	57	FEB 01,1975	
24.400	454.302	05	59	FEB 01,1975	
24.433	454.302	06	01	FEB 01,1975	
24.466	454.313	06	03	FEB 01,1975	
24.500	454.313	06	05	FEB 01,1975	
24.533	454.302	06	07	FEB 01,1975	
24.566	454.313	06	09	FEB 01,1975	END JETTING
24.600	454.325	06	11	FEB 01,1975	START RECOVERY
24.633	454.325	06	13	FEB 01,1975	
24.666	454.325	06	15	FEB 01,1975	
24.700	454.313	06	17	FEB 01,1975	
24.733	454.325	06	19	FEB 01,1975	
24.766	454.325	06	21	FEB 01,1975	
24.800	454.325	06	23	FEB 01,1975	
24.833	454.313	06	25	FEB 01,1975	
24.866	454.325	06	27	FEB 01,1975	
24.900	454.325	06	29	FEB 01,1975	
24.933	454.336	06	31	FEB 01,1975	
24.966	454.348	06	33	FEB 01,1975	
25.000	454.348	06	35	FEB 01,1975	
25.033	454.348	06	37	FEB 01,1975	
25.066	454.348	06	39	FEB 01,1975	
25.100	454.348	06	41	FEB 01,1975	
25.133	454.348	06	43	FEB 01,1975	
25.166	454.348	06	45	FEB 01,1975	
25.200	454.348	06	47	FEB 01,1975	
25.233	454.336	06	49	FEB 01,1975	
25.266	454.348	06	51	FEB 01,1975	
25.300	454.359	06	53	FEB 01,1975	

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25.333	454.348	06	55	FEB 01,1975	
25.366	454.348	06	57	FEB 01,1975	
25.400	454.359	06	59	FEB 01,1975	
25.433	454.348	07	01	FEB 01,1975	
25.466	454.359	07	03	FEB 01,1975	
25.500	454.348	07	05	FEB 01,1975	
25.533	454.359	07	07	FEB 01,1975	
25.566	454.359	07	09	FEB 01,1975	
25.600	454.359	07	11	FEB 01,1975	
25.633	454.359	07	13	FEB 01,1975	
25.666	454.359	07	15	FEB 01,1975	
25.700	454.371	07	17	FEB 01,1975	
25.733	454.382	07	19	FEB 01,1975	
25.766	454.371	07	21	FEB 01,1975	
25.800	454.371	07	23	FEB 01,1975	
25.833	454.371	07	25	FEB 01,1975	
25.866	454.371	07	27	FEB 01,1975	
25.900	454.359	07	29	FEB 01,1975	
25.933	454.371	07	31	FEB 01,1975	
25.966	454.382	07	33	FEB 01,1975	
26.000	454.382	07	35	FEB 01,1975	
26.033	454.382	07	37	FEB 01,1975	
26.066	454.382	07	39	FEB 01,1975	
26.100	454.382	07	41	FEB 01,1975	
26.133	454.394	07	43	FEB 01,1975	
26.166	454.394	07	45	FEB 01,1975	
26.200	454.405	07	47	FEB 01,1975	
26.233	454.405	07	49	FEB 01,1975	
26.266	454.405	07	51	FEB 01,1975	
26.300	454.405	07	53	FEB 01,1975	
26.333	454.405	07	55	FEB 01,1975	
26.366	454.405	07	57	FEB 01,1975	
26.400	454.417	07	59	FEB 01,1975	
26.433	454.405	08	01	FEB 01,1975	
26.466	454.417	08	03	FEB 01,1975	
26.500	454.417	08	05	FEB 01,1975	
26.533	454.417	08	07	FEB 01,1975	
26.566	454.417	08	09	FEB 01,1975	
26.600	454.417	08	11	FEB 01,1975	
26.633	454.417	08	13	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
26.666	454.405	08	15	FEB 01,1975	
26.700	454.429	08	17	FEB 01,1975	
26.733	454.429	08	19	FEB 01,1975	
26.766	454.429	08	21	FEB 01,1975	
26.800	454.429	08	23	FEB 01,1975	
26.833	454.429	08	25	FEB 01,1975	
26.866	454.429	08	27	FEB 01,1975	
26.900	454.440	08	29	FEB 01,1975	
26.933	454.440	08	31	FEB 01,1975	
26.966	454.440	08	33	FEB 01,1975	
27.000	454.440	08	35	FEB 01,1975	
27.033	454.440	08	37	FEB 01,1975	
27.066	454.440	08	39	FEB 01,1975	
27.100	454.440	08	41	FEB 01,1975	
27.133	454.440	08	43	FEB 01,1975	
27.166	454.440	08	45	FEB 01,1975	
27.200	454.463	08	47	FEB 01,1975	
27.233	454.463	08	49	FEB 01,1975	
27.266	454.452	08	51	FEB 01,1975	
27.300	454.463	08	53	FEB 01,1975	
27.333	454.463	08	55	FEB 01,1975	
27.366	454.463	08	57	FEB 01,1975	
27.400	454.463	08	59	FEB 01,1975	
27.433	454.475	09	01	FEB 01,1975	
27.466	454.475	09	03	FEB 01,1975	
27.500	454.475	09	05	FEB 01,1975	
27.533	454.475	09	07	FEB 01,1975	
27.566	454.475	09	09	FEB 01,1975	
27.600	454.475	09	11	FEB 01,1975	
27.633	454.463	09	13	FEB 01,1975	
27.666	454.475	09	15	FEB 01,1975	
27.700	454.486	09	17	FEB 01,1975	
27.733	454.486	09	19	FEB 01,1975	
27.766	454.486	09	21	FEB 01,1975	
27.800	454.486	09	23	FEB 01,1975	
27.833	454.486	09	25	FEB 01,1975	
27.866	454.486	09	27	FEB 01,1975	
27.900	454.498	09	29	FEB 01,1975	
27.933	454.498	09	31	FEB 01,1975	
27.966	454.498	09	33	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
28.000	454.498	09	35	FEB 01,1975	
28.033	454.498	09	37	FEB 01,1975	
28.066	454.498	09	39	FEB 01,1975	
28.100	454.498	09	41	FEB 01,1975	
28.133	454.509	09	43	FEB 01,1975	
28.166	454.509	09	45	FEB 01,1975	
28.200	454.498	09	47	FEB 01,1975	
28.233	454.509	09	49	FEB 01,1975	
28.266	454.509	09	51	FEB 01,1975	
28.300	454.509	09	53	FEB 01,1975	
28.333	454.509	09	55	FEB 01,1975	
28.366	454.521	09	57	FEB 01,1975	
28.400	454.509	09	59	FEB 01,1975	
28.433	454.521	10	01	FEB 01,1975	
28.466	454.521	10	03	FEB 01,1975	
28.500	454.521	10	05	FEB 01,1975	
28.533	454.521	10	07	FEB 01,1975	
28.566	454.521	10	09	FEB 01,1975	
28.600	454.521	10	11	FEB 01,1975	
28.633	454.532	10	13	FEB 01,1975	
28.666	454.532	10	15	FEB 01,1975	
28.700	454.532	10	17	FEB 01,1975	
28.733	454.532	10	19	FEB 01,1975	
28.766	454.532	10	21	FEB 01,1975	
28.800	454.532	10	23	FEB 01,1975	
28.833	454.532	10	25	FEB 01,1975	
28.866	454.532	10	27	FEB 01,1975	
28.900	454.532	10	29	FEB 01,1975	
28.933	454.532	10	31	FEB 01,1975	
28.966	454.532	10	33	FEB 01,1975	
29.000	454.544	10	35	FEB 01,1975	
29.033	454.544	10	37	FEB 01,1975	
29.066	454.544	10	39	FEB 01,1975	
29.100	454.544	10	41	FEB 01,1975	
29.133	454.544	10	43	FEB 01,1975	
29.166	454.544	10	45	FEB 01,1975	
29.200	454.544	10	47	FEB 01,1975	
29.233	454.544	10	49	FEB 01,1975	
29.266	454.544	10	51	FEB 01,1975	
29.300	454.556	10	53	FEB 01,1975	

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29.333	454.544	10 55	FEB 01,1975	
29.366	454.556	10 57	FEB 01,1975	
29.400	454.556	10 59	FEB 01,1975	
29.433	454.556	11 01	FEB 01,1975	
29.466	454.556	11 03	FEB 01,1975	
29.500	454.556	11 05	FEB 01,1975	
29.533	454.556	11 07	FEB 01,1975	
29.566	454.567	11 09	FEB 01,1975	
29.600	454.556	11 11	FEB 01,1975	
29.633	454.567	11 13	FEB 01,1975	
29.666	454.544	11 15	FEB 01,1975	
29.700	454.544	11 17	FEB 01,1975	
29.733	454.567	11 19	FEB 01,1975	
29.766	454.567	11 21	FEB 01,1975	
29.800	454.567	11 23	FEB 01,1975	
29.833	454.567	11 25	FEB 01,1975	
29.866	454.579	11 27	FEB 01,1975	
29.900	454.567	11 29	FEB 01,1975	
29.933	454.567	11 31	FEB 01,1975	
29.966	454.567	11 33	FEB 01,1975	
30.000	454.579	11 35	FEB 01,1975	
30.033	454.579	11 37	FEB 01,1975	
30.066	454.579	11 39	FEB 01,1975	
30.100	454.567	11 41	FEB 01,1975	
30.133	454.579	11 43	FEB 01,1975	
30.166	454.579	11 45	FEB 01,1975	
30.200	454.567	11 47	FEB 01,1975	
30.233	454.579	11 49	FEB 01,1975	
30.266	454.579	11 51	FEB 01,1975	
30.300	454.579	11 53	FEB 01,1975	
30.333	454.567	11 55	FEB 01,1975	
30.366	454.590	11 57	FEB 01,1975	
30.400	454.590	11 59	FEB 01,1975	
30.433	454.590	12 01	FEB 01,1975	
30.466	454.590	12 03	FEB 01,1975	
30.500	454.590	12 05	FEB 01,1975	
30.533	454.590	12 07	FEB 01,1975	
30.566	454.590	12 09	FEB 01,1975	
30.600	454.590	12 11	FEB 01,1975	
30.633	454.590	12 13	FEB 01,1975	

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30.666	454.590	12	15	FEB 01,1975	
30.700	454.590	12	17	FEB 01,1975	
30.733	454.590	12	19	FEB 01,1975	
30.766	454.590	12	21	FEB 01,1975	
30.800	454.590	12	23	FEB 01,1975	
30.833	454.590	12	25	FEB 01,1975	
30.866	454.590	12	27	FEB 01,1975	
30.900	454.590	12	29	FEB 01,1975	
30.933	454.567	12	31	FEB 01,1975	
30.966	454.590	12	33	FEB 01,1975	
31.000	454.590	12	35	FEB 01,1975	
31.033	454.579	12	37	FEB 01,1975	
31.066	454.590	12	39	FEB 01,1975	
31.100	454.590	12	41	FEB 01,1975	
31.133	454.590	12	43	FEB 01,1975	
31.166	454.590	12	45	FEB 01,1975	
31.200	454.602	12	47	FEB 01,1975	
31.233	454.590	12	49	FEB 01,1975	
31.266	454.590	12	51	FEB 01,1975	
31.300	454.590	12	53	FEB 01,1975	
31.333	454.567	12	55	FEB 01,1975	
31.366	454.567	12	57	FEB 01,1975	
31.400	454.556	12	59	FEB 01,1975	
31.433	454.556	13	01	FEB 01,1975	
31.466	454.544	13	03	FEB 01,1975	
31.500	454.532	13	05	FEB 01,1975	
31.533	454.521	13	07	FEB 01,1975	
31.566	454.521	13	09	FEB 01,1975	
31.600	454.521	13	11	FEB 01,1975	
31.633	454.509	13	13	FEB 01,1975	
31.666	454.509	13	15	FEB 01,1975	
31.700	454.532	13	17	FEB 01,1975	
31.733	454.544	13	19	FEB 01,1975	
31.766	454.544	13	21	FEB 01,1975	
31.800	454.556	13	23	FEB 01,1975	
31.833	454.556	13	25	FEB 01,1975	
31.866	454.579	13	27	FEB 01,1975	
31.900	454.579	13	29	FEB 01,1975	
31.933	454.579	13	31	FEB 01,1975	
31.966	454.579	13	33	FEB 01,1975	

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32.000	454.567	13	35	FEB 01,1975	
32.033	454.579	13	37	FEB 01,1975	
32.066	454.579	13	39	FEB 01,1975	
32.100	454.590	13	41	FEB 01,1975	
32.133	454.590	13	43	FEB 01,1975	
32.166	454.590	13	45	FEB 01,1975	
32.200	454.590	13	47	FEB 01,1975	
32.233	454.590	13	49	FEB 01,1975	
32.266	454.590	13	51	FEB 01,1975	
32.300	454.590	13	53	FEB 01,1975	
32.333	454.590	13	55	FEB 01,1975	
32.366	454.590	13	57	FEB 01,1975	
32.400	454.590	13	59	FEB 01,1975	
32.433	454.590	14	01	FEB 01,1975	
32.466	454.590	14	03	FEB 01,1975	
32.500	454.590	14	05	FEB 01,1975	
32.533	454.590	14	07	FEB 01,1975	
32.566	454.602	14	09	FEB 01,1975	
32.600	454.602	14	11	FEB 01,1975	
32.633	454.602	14	13	FEB 01,1975	
32.666	454.602	14	15	FEB 01,1975	
32.700	454.602	14	17	FEB 01,1975	
32.733	454.613	14	19	FEB 01,1975	
32.766	454.613	14	21	FEB 01,1975	
32.800	454.613	14	23	FEB 01,1975	
32.833	454.613	14	25	FEB 01,1975	
32.866	454.613	14	27	FEB 01,1975	
32.900	454.613	14	29	FEB 01,1975	
32.933	454.602	14	31	FEB 01,1975	
32.966	454.613	14	33	FEB 01,1975	
33.000	454.613	14	35	FEB 01,1975	
33.033	454.613	14	37	FEB 01,1975	
33.066	454.613	14	39	FEB 01,1975	
33.100	454.625	14	41	FEB 01,1975	
33.133	454.625	14	43	FEB 01,1975	
33.166	454.625	14	45	FEB 01,1975	
33.200	454.613	14	47	FEB 01,1975	
33.233	454.613	14	49	FEB 01,1975	
33.266	454.625	14	51	FEB 01,1975	
33.300	454.625	14	53	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
33.333	454.625	14	55	FEB 01,1975	
33.366	454.625	14	57	FEB 01,1975	
33.400	454.636	14	59	FEB 01,1975	
33.433	454.636	15	01	FEB 01,1975	
33.466	454.636	15	03	FEB 01,1975	
33.500	454.636	15	05	FEB 01,1975	
33.533	454.636	15	07	FEB 01,1975	
33.566	454.648	15	09	FEB 01,1975	
33.600	454.648	15	11	FEB 01,1975	
33.633	454.625	15	13	FEB 01,1975	
33.666	454.648	15	15	FEB 01,1975	
33.700	454.648	15	17	FEB 01,1975	
33.733	454.648	15	19	FEB 01,1975	
33.766	454.648	15	21	FEB 01,1975	
33.800	454.659	15	23	FEB 01,1975	
33.833	454.659	15	25	FEB 01,1975	
33.866	454.648	15	27	FEB 01,1975	
33.900	454.659	15	29	FEB 01,1975	
33.933	454.648	15	31	FEB 01,1975	
33.966	454.659	15	33	FEB 01,1975	
34.000	454.659	15	35	FEB 01,1975	
34.033	454.659	15	37	FEB 01,1975	
34.066	454.659	15	39	FEB 01,1975	
34.100	454.659	15	41	FEB 01,1975	
34.133	454.659	15	43	FEB 01,1975	
34.166	454.659	15	45	FEB 01,1975	
34.200	454.671	15	47	FEB 01,1975	
34.233	454.671	15	49	FEB 01,1975	
34.266	454.671	15	51	FEB 01,1975	
34.300	454.671	15	53	FEB 01,1975	
34.333	454.683	15	55	FEB 01,1975	
34.366	454.683	15	57	FEB 01,1975	
34.400	454.671	15	59	FEB 01,1975	
34.433	454.683	16	01	FEB 01,1975	
34.466	454.683	16	03	FEB 01,1975	
34.500	454.683	16	05	FEB 01,1975	
34.533	454.683	16	07	FEB 01,1975	
34.566	454.683	16	09	FEB 01,1975	
34.600	454.683	16	11	FEB 01,1975	
34.633	454.683	16	13	FEB 01,1975	

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
34.666	454.683	16 15	FEB 01,1975	
34.700	454.694	16 17	FEB 01,1975	
34.733	454.694	16 19	FEB 01,1975	
34.766	454.694	16 21	FEB 01,1975	
34.800	454.694	16 23	FEB 01,1975	
34.833	454.694	16 25	FEB 01,1975	
34.866	454.694	16 27	FEB 01,1975	
34.900	454.706	16 29	FEB 01,1975	
34.933	454.706	16 31	FEB 01,1975	
34.966	454.706	16 33	FEB 01,1975	
35.000	454.706	16 35	FEB 01,1975	
35.033	454.706	16 37	FEB 01,1975	
35.066	454.706	16 39	FEB 01,1975	
35.100	454.717	16 41	FEB 01,1975	
35.133	454.717	16 43	FEB 01,1975	
35.166	454.717	16 45	FEB 01,1975	
35.200	454.717	16 47	FEB 01,1975	
35.233	454.717	16 49	FEB 01,1975	
35.266	454.717	16 51	FEB 01,1975	
35.300	454.717	16 53	FEB 01,1975	
35.333	454.717	16 55	FEB 01,1975	
35.366	454.717	16 57	FEB 01,1975	
35.400	454.717	16 59	FEB 01,1975	
35.433	454.717	17 01	FEB 01,1975	
35.466	454.717	17 03	FEB 01,1975	
35.500	454.717	17 05	FEB 01,1975	
35.533	454.729	17 07	FEB 01,1975	
35.566	454.729	17 09	FEB 01,1975	
35.600	454.729	17 11	FEB 01,1975	
35.633	454.729	17 13	FEB 01,1975	
35.666	454.740	17 15	FEB 01,1975	
35.700	454.740	17 17	FEB 01,1975	
35.733	454.740	17 19	FEB 01,1975	
35.766	454.740	17 21	FEB 01,1975	
35.800	454.740	17 23	FEB 01,1975	
35.833	454.740	17 25	FEB 01,1975	
35.866	454.740	17 27	FEB 01,1975	
35.900	454.740	17 29	FEB 01,1975	
35.933	454.740	17 31	FEB 01,1975	
35.966	454.740	17 33	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
36.000	454.740	17	35	FEB 01,1975	
36.033	454.740	17	37	FEB 01,1975	
36.066	454.740	17	39	FEB 01,1975	
36.100	454.740	17	41	FEB 01,1975	
36.133	454.740	17	43	FEB 01,1975	
36.166	454.752	17	45	FEB 01,1975	
36.200	454.752	17	47	FEB 01,1975	
36.233	454.752	17	49	FEB 01,1975	
36.266	454.740	17	51	FEB 01,1975	
36.300	454.740	17	53	FEB 01,1975	
36.333	454.752	17	55	FEB 01,1975	
36.366	454.752	17	57	FEB 01,1975	
36.400	454.740	17	59	FEB 01,1975	
36.433	454.740	18	01	FEB 01,1975	
36.466	454.740	18	03	FEB 01,1975	
36.500	454.740	18	05	FEB 01,1975	
36.533	454.740	18	07	FEB 01,1975	
36.566	454.752	18	09	FEB 01,1975	
36.600	454.752	18	11	FEB 01,1975	
36.633	454.752	18	13	FEB 01,1975	
36.666	454.752	18	15	FEB 01,1975	
36.700	454.763	18	17	FEB 01,1975	
36.733	454.763	18	19	FEB 01,1975	
36.766	454.752	18	21	FEB 01,1975	
36.800	454.763	18	23	FEB 01,1975	
36.833	454.763	18	25	FEB 01,1975	
36.866	454.763	18	27	FEB 01,1975	
36.900	454.763	18	29	FEB 01,1975	
36.933	454.763	18	31	FEB 01,1975	
36.966	454.763	18	33	FEB 01,1975	
37.000	454.775	18	35	FEB 01,1975	
37.033	454.775	18	37	FEB 01,1975	
37.066	454.775	18	39	FEB 01,1975	
37.100	454.775	18	41	FEB 01,1975	
37.133	454.775	18	43	FEB 01,1975	
37.166	454.775	18	45	FEB 01,1975	
37.200	454.775	18	47	FEB 01,1975	
37.233	454.787	18	49	FEB 01,1975	
37.266	454.798	18	51	FEB 01,1975	
37.300	454.798	18	53	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
37.333	454.798	18	55	FEB 01,1975	
37.366	454.821	18	57	FEB 01,1975	
37.400	454.821	18	59	FEB 01,1975	
37.433	454.821	19	01	FEB 01,1975	
37.466	454.821	19	03	FEB 01,1975	
37.500	454.821	19	05	FEB 01,1975	
37.533	454.821	19	07	FEB 01,1975	
37.566	454.821	19	09	FEB 01,1975	
37.600	454.821	19	11	FEB 01,1975	
37.633	454.821	19	13	FEB 01,1975	
37.666	454.810	19	15	FEB 01,1975	
37.700	454.821	19	17	FEB 01,1975	
37.733	454.821	19	19	FEB 01,1975	
37.766	454.821	19	21	FEB 01,1975	
37.800	454.821	19	23	FEB 01,1975	
37.833	454.821	19	25	FEB 01,1975	
37.866	454.821	19	27	FEB 01,1975	
37.900	454.821	19	29	FEB 01,1975	
37.933	454.821	19	31	FEB 01,1975	
37.966	454.821	19	33	FEB 01,1975	
38.000	454.821	19	35	FEB 01,1975	
38.033	454.821	19	37	FEB 01,1975	
38.066	454.821	19	39	FEB 01,1975	
38.100	454.821	19	41	FEB 01,1975	
38.133	454.821	19	43	FEB 01,1975	
38.166	454.833	19	45	FEB 01,1975	
38.200	454.833	19	47	FEB 01,1975	
38.233	454.844	19	49	FEB 01,1975	
38.266	454.833	19	51	FEB 01,1975	
38.300	454.844	19	53	FEB 01,1975	
38.333	454.844	19	55	FEB 01,1975	
38.366	454.833	19	57	FEB 01,1975	
38.400	454.844	19	59	FEB 01,1975	
38.433	454.844	20	01	FEB 01,1975	
38.466	454.844	20	03	FEB 01,1975	
38.500	454.844	20	05	FEB 01,1975	
38.533	454.844	20	07	FEB 01,1975	
38.566	454.810	20	09	FEB 01,1975	
38.600	454.833	20	11	FEB 01,1975	
38.633	454.844	20	13	FEB 01,1975	

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA	PRESSURE	TIME		DATE	COMMENTS
TIME	(PSI)	HR	MIN		
38.666	454.844	20	15	FEB 01,1975	
38.700	454.798	20	17	FEB 01,1975	
38.733	454.856	20	19	FEB 01,1975	
38.766	454.856	20	21	FEB 01,1975	
38.800	454.856	20	23	FEB 01,1975	
38.833	454.856	20	25	FEB 01,1975	
38.866	454.844	20	27	FEB 01,1975	
38.900	454.867	20	29	FEB 01,1975	
38.933	454.867	20	31	FEB 01,1975	
38.966	454.867	20	33	FEB 01,1975	
39.000	454.867	20	35	FEB 01,1975	
39.033	454.867	20	37	FEB 01,1975	
39.066	454.867	20	39	FEB 01,1975	
39.100	454.867	20	41	FEB 01,1975	
39.133	454.867	20	43	FEB 01,1975	
39.166	454.867	20	45	FEB 01,1975	
39.200	454.867	20	47	FEB 01,1975	
39.233	454.867	20	49	FEB 01,1975	
39.266	454.902	20	51	FEB 01,1975	
39.300	454.902	20	53	FEB 01,1975	
39.333	454.902	20	55	FEB 01,1975	
39.366	454.890	20	57	FEB 01,1975	
39.400	454.902	20	59	FEB 01,1975	
39.433	454.902	21	01	FEB 01,1975	
39.466	454.890	21	03	FEB 01,1975	
39.500	454.902	21	05	FEB 01,1975	
39.533	454.890	21	07	FEB 01,1975	
39.566	454.890	21	09	FEB 01,1975	
39.600	454.890	21	11	FEB 01,1975	
39.633	454.902	21	13	FEB 01,1975	
39.666	454.902	21	15	FEB 01,1975	
39.700	454.902	21	17	FEB 01,1975	
39.733	454.902	21	19	FEB 01,1975	
39.766	454.902	21	21	FEB 01,1975	
39.800	454.902	21	23	FEB 01,1975	
39.833	454.902	21	25	FEB 01,1975	
39.866	454.902	21	27	FEB 01,1975	
39.900	454.890	21	29	FEB 01,1975	
39.933	454.902	21	31	FEB 01,1975	
39.966	454.902	21	33	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
40.000	454.902	21 35	FEB 01,1975	
40.033	454.914	21 37	FEB 01,1975	
40.066	454.914	21 39	FEB 01,1975	
40.100	454.914	21 41	FEB 01,1975	
40.133	454.914	21 43	FEB 01,1975	
40.166	454.914	21 45	FEB 01,1975	
40.200	454.914	21 47	FEB 01,1975	
40.233	454.914	21 49	FEB 01,1975	
40.266	454.914	21 51	FEB 01,1975	
40.300	454.925	21 53	FEB 01,1975	
40.333	454.925	21 55	FEB 01,1975	
40.366	454.925	21 57	FEB 01,1975	
40.400	454.925	21 59	FEB 01,1975	
40.433	454.925	22 01	FEB 01,1975	
40.466	454.937	22 03	FEB 01,1975	
40.500	454.937	22 05	FEB 01,1975	
40.533	454.925	22 07	FEB 01,1975	
40.566	454.925	22 09	FEB 01,1975	
40.600	454.948	22 11	FEB 01,1975	
40.633	454.937	22 13	FEB 01,1975	
40.666	454.937	22 15	FEB 01,1975	
40.700	454.937	22 17	FEB 01,1975	
40.733	454.937	22 19	FEB 01,1975	
40.766	454.937	22 21	FEB 01,1975	
40.800	454.925	22 23	FEB 01,1975	
40.833	454.948	22 25	FEB 01,1975	
40.866	454.948	22 27	FEB 01,1975	
40.900	454.948	22 29	FEB 01,1975	
40.933	454.948	22 31	FEB 01,1975	
40.966	454.937	22 33	FEB 01,1975	
41.000	454.960	22 35	FEB 01,1975	
41.033	454.948	22 37	FEB 01,1975	
41.066	454.948	22 39	FEB 01,1975	
41.100	454.948	22 41	FEB 01,1975	
41.133	454.948	22 43	FEB 01,1975	
41.166	454.948	22 45	FEB 01,1975	
41.200	454.948	22 47	FEB 01,1975	
41.233	454.960	22 49	FEB 01,1975	
41.266	454.948	22 51	FEB 01,1975	
41.300	454.948	22 53	FEB 01,1975	

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
41.333	454.948	22 55	FEB 01,1975	
41.366	454.971	22 57	FEB 01,1975	
41.400	454.960	22 59	FEB 01,1975	
41.433	454.960	23 01	FEB 01,1975	
41.466	454.960	23 03	FEB 01,1975	
41.500	454.971	23 05	FEB 01,1975	
41.533	454.971	23 07	FEB 01,1975	
41.566	454.971	23 09	FEB 01,1975	
41.600	454.971	23 11	FEB 01,1975	
41.633	454.971	23 13	FEB 01,1975	
41.666	454.971	23 15	FEB 01,1975	
41.700	454.971	23 17	FEB 01,1975	
41.733	454.971	23 19	FEB 01,1975	
41.766	454.971	23 21	FEB 01,1975	
41.800	454.937	23 23	FEB 01,1975	
41.833	454.960	23 25	FEB 01,1975	
41.866	454.960	23 27	FEB 01,1975	
41.900	454.971	23 29	FEB 01,1975	
41.933	454.971	23 31	FEB 01,1975	
41.966	454.971	23 33	FEB 01,1975	
42.000	454.971	23 35	FEB 01,1975	
42.033	454.971	23 37	FEB 01,1975	
42.066	454.971	23 39	FEB 01,1975	
42.100	454.971	23 41	FEB 01,1975	
42.133	454.983	23 43	FEB 01,1975	
42.166	454.994	23 45	FEB 01,1975	
42.200	454.994	23 47	FEB 01,1975	
42.233	454.994	23 49	FEB 01,1975	
42.266	454.994	23 51	FEB 01,1975	
42.300	454.994	23 53	FEB 01,1975	
42.333	454.994	23 55	FEB 01,1975	
42.366	455.006	23 57	FEB 01,1975	
42.400	454.994	23 59	FEB 01,1975	
42.433	455.006	00 01	FEB 02,1975	
42.465	455.006	00 03	FEB 02,1975	
42.500	455.006	00 05	FEB 02,1975	
42.533	455.006	00 07	FEB 02,1975	
42.566	455.006	00 09	FEB 02,1975	LAST NULL ON
42.600	455.006	00 11	FEB 02,1975	CHART AT THE
42.633	455.006	00 13	FEB 02,1975	TIME OF 0015

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JOB NUMBER                                                          DATE OF JOB
SPG-11228-7                                      ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                    DATE OF RUN
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                                  SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT

    DELTA    PRESSURE                    TIME      DATE                COMMENTS
    TIME      (PSI)                     HR MIN

  42.666    455.006                     00   15 FEB 02,1975   2-2-75




                      1281 POINTS REPORTED THIS RUN
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JOB NUMBER
SPG-11226-7
MPT # 8

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1

FIELD/LEASE SORGHUM GULCH

COUNTY/PARISH RIO BLANCO

STATE COLORADO

TYPE OF TEST MPT

REFERENCE ELEV GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO 145 WITH 500 PSI ELEMENT *Middle Gauge*

GAUGE DEPTH 1132 FEET

ZONE FOR GAUGE NO 145 1123 FT-1188 FT.

INITIAL HYDROSTATIC 455.325 PSI

LAST NULL ON CHART 462.126 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT. AND 1188 FT TD=2522 FT

1259 POINTS REPORTED THIS JOB

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DATE OF JOB
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GAUGE/RUN NUMBER
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SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
0.000	456.079	05	35	JAN 31,1975	SET PACKERS
0.034	461.211	05	37	JAN 31,1975	
0.068	461.176	05	39	JAN 31,1975	
0.101	461.396	05	41	JAN 31,1975	
0.135	461.431	05	43	JAN 31,1975	
0.169	461.431	05	45	JAN 31,1975	
0.203	461.443	05	47	JAN 31,1975	
0.237	461.443	05	49	JAN 31,1975	
0.271	461.443	05	51	JAN 31,1975	
0.304	461.431	05	53	JAN 31,1975	
0.338	461.443	05	55	JAN 31,1975	
0.372	461.443	05	57	JAN 31,1975	
0.406	461.454	05	59	JAN 31,1975	
0.440	461.443	06	01	JAN 31,1975	
0.473	461.443	06	03	JAN 31,1975	
0.507	463.090	06	05	JAN 31,1975	TESTING PACKER
0.541	465.726	06	07	JAN 31,1975	
0.575	468.174	06	09	JAN 31,1975	START JETTING
0.609	470.410	06	12	JAN 31,1975	
0.642	468.985	06	14	JAN 31,1975	
0.676	466.633	06	16	JAN 31,1975	
0.710	465.950	06	18	JAN 31,1975	
0.744	465.463	06	20	JAN 31,1975	
0.778	465.104	06	22	JAN 31,1975	
0.812	464.664	06	24	JAN 31,1975	
0.845	464.536	06	26	JAN 31,1975	
0.879	464.015	06	28	JAN 31,1975	
0.913	463.551	06	30	JAN 31,1975	
0.947	463.169	06	32	JAN 31,1975	
0.981	462.845	06	34	JAN 31,1975	
1.014	462.567	06	36	JAN 31,1975	
1.048	462.323	06	38	JAN 31,1975	
1.082	462.103	06	40	JAN 31,1975	
1.116	461.883	06	42	JAN 31,1975	
1.150	461.653	06	44	JAN 31,1975	
1.184	461.489	06	46	JAN 31,1975	
1.217	461.338	06	48	JAN 31,1975	
1.251	461.176	06	50	JAN 31,1975	
1.285	461.037	06	52	JAN 31,1975	
1.319	460.910	06	54	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.353	460.771	06 56	JAN 31,1975	
1.386	460.678	06 58	JAN 31,1975	
1.420	460.574	07 00	JAN 31,1975	
1.454	460.446	07 02	JAN 31,1975	
1.488	460.365	07 04	JAN 31,1975	
1.522	460.273	07 06	JAN 31,1975	
1.555	460.180	07 08	JAN 31,1975	
1.589	460.064	07 10	JAN 31,1975	
1.623	459.995	07 12	JAN 31,1975	
1.657	459.913	07 14	JAN 31,1975	
1.691	459.844	07 16	JAN 31,1975	
1.725	459.751	07 18	JAN 31,1975	
1.758	459.693	07 21	JAN 31,1975	
1.792	459.612	07 23	JAN 31,1975	
1.826	459.531	07 25	JAN 31,1975	
1.860	459.452	07 27	JAN 31,1975	
1.894	459.380	07 29	JAN 31,1975	
1.927	459.323	07 31	JAN 31,1975	
1.961	459.238	07 33	JAN 31,1975	
1.995	459.230	07 35	JAN 31,1975	
2.029	459.149	07 37	JAN 31,1975	
2.063	459.091	07 39	JAN 31,1975	
2.097	459.033	07 41	JAN 31,1975	
2.130	458.975	07 43	JAN 31,1975	
2.164	458.940	07 45	JAN 31,1975	
2.198	458.871	07 47	JAN 31,1975	
2.232	458.824	07 49	JAN 31,1975	
2.266	458.778	07 51	JAN 31,1975	
2.299	458.743	07 53	JAN 31,1975	
2.333	458.685	07 55	JAN 31,1975	
2.367	458.639	07 57	JAN 31,1975	
2.401	458.593	07 59	JAN 31,1975	
2.435	458.546	08 01	JAN 31,1975	
2.468	458.500	08 03	JAN 31,1975	
2.502	458.477	08 05	JAN 31,1975	
2.536	458.430	08 07	JAN 31,1975	
2.570	458.396	08 09	JAN 31,1975	
2.604	458.349	08 11	JAN 31,1975	
2.638	458.326	08 13	JAN 31,1975	
2.671	458.303	08 15	JAN 31,1975	

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JOB NUMBER                                                   DATE OF JOB
SPG-11220-7                                JANUARY 31-FEBRUARY 2, 1975

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   DELTA    PRESSURE              TIME      DATE              COMMENTS
   TIME      (PSI)               HR MIN

   2.705    458.268              08  17 JAN 31,1975
   2.739    458.257              08  19 JAN 31,1975
   2.773    458.222              08  21 JAN 31,1975
   2.807    458.187              08  23 JAN 31,1975
   2.840    458.164              08  25 JAN 31,1975
   2.874    458.129              08  27 JAN 31,1975
   2.908    458.116              08  29 JAN 31,1975
   2.942    458.083              08  32 JAN 31,1975
   2.976    458.060              08  34 JAN 31,1975
   3.010    458.025              08  36 JAN 31,1975
   3.043    458.002              08  38 JAN 31,1975
   3.077    457.979              08  40 JAN 31,1975
   3.111    457.944              08  42 JAN 31,1975
   3.145    457.909              08  44 JAN 31,1975
   3.179    457.897              08  46 JAN 31,1975
   3.212    457.886              08  48 JAN 31,1975
   3.246    457.840              08  50 JAN 31,1975
   3.280    457.816              08  52 JAN 31,1975
   3.314    457.805              08  54 JAN 31,1975
   3.348    457.770              08  56 JAN 31,1975
   3.382    457.747              08  58 JAN 31,1975
   3.415    457.735              09  00 JAN 31,1975
   3.449    457.712              09  02 JAN 31,1975
   3.483    457.677              09  04 JAN 31,1975
   3.517    457.666              09  06 JAN 31,1975
   3.551    457.631              09  08 JAN 31,1975
   3.584    457.596              09  10 JAN 31,1975
   3.618    457.585              09  12 JAN 31,1975
   3.652    457.561              09  14 JAN 31,1975
   3.686    457.538              09  16 JAN 31,1975
   3.720    457.527              09  18 JAN 31,1975
   3.753    457.504              09  20 JAN 31,1975
   3.787    457.469              09  22 JAN 31,1975
   3.821    457.446              09  24 JAN 31,1975
   3.855    457.434              09  26 JAN 31,1975
   3.889    457.422              09  28 JAN 31,1975
   3.923    457.399              09  30 JAN 31,1975
   3.956    457.376              09  32 JAN 31,1975
   3.990    457.353              09  34 JAN 31,1975
   4.024    457.353              09  36 JAN 31,1975

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
4.058	457.313	09 38	JAN 31,1975	
4.092	457.307	09 40	JAN 31,1975	
4.125	457.283	09 43	JAN 31,1975	
4.159	457.272	09 45	JAN 31,1975	
4.193	457.237	09 47	JAN 31,1975	
4.227	457.237	09 49	JAN 31,1975	
4.261	457.237	09 51	JAN 31,1975	
4.295	457.202	09 53	JAN 31,1975	
4.328	457.202	09 55	JAN 31,1975	
4.362	457.168	09 57	JAN 31,1975	
4.396	457.156	09 59	JAN 31,1975	
4.430	457.133	10 01	JAN 31,1975	
4.464	457.121	10 03	JAN 31,1975	
4.497	457.110	10 05	JAN 31,1975	
4.531	457.098	10 07	JAN 31,1975	
4.565	457.086	10 09	JAN 31,1975	
4.599	457.063	10 11	JAN 31,1975	
4.633	457.040	10 13	JAN 31,1975	
4.666	457.029	10 15	JAN 31,1975	
4.700	457.029	10 17	JAN 31,1975	
4.734	457.005	10 19	JAN 31,1975	
4.768	456.994	10 21	JAN 31,1975	
4.802	456.984	10 23	JAN 31,1975	
4.836	456.971	10 25	JAN 31,1975	
4.869	456.959	10 27	JAN 31,1975	
4.903	456.924	10 29	JAN 31,1975	
4.937	456.913	10 31	JAN 31,1975	
4.971	456.901	10 33	JAN 31,1975	
5.005	456.878	10 35	JAN 31,1975	
5.038	456.866	10 37	JAN 31,1975	
5.072	456.832	10 39	JAN 31,1975	
5.106	456.832	10 41	JAN 31,1975	
5.140	456.808	10 43	JAN 31,1975	
5.174	456.798	10 45	JAN 31,1975	
5.208	456.774	10 47	JAN 31,1975	
5.241	456.762	10 49	JAN 31,1975	
5.275	456.762	10 52	JAN 31,1975	
5.309	456.739	10 54	JAN 31,1975	
5.343	456.739	10 56	JAN 31,1975	
5.377	456.716	10 58	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
5.410	456.693	11	00	JAN 31,1975	
5.444	456.673	11	02	JAN 31,1975	
5.478	456.693	11	04	JAN 31,1975	
5.512	456.669	11	06	JAN 31,1975	
5.546	456.658	11	08	JAN 31,1975	
5.579	456.646	11	10	JAN 31,1975	
5.613	456.635	11	12	JAN 31,1975	
5.647	456.635	11	14	JAN 31,1975	
5.681	456.623	11	16	JAN 31,1975	
5.715	456.623	11	18	JAN 31,1975	
5.749	456.611	11	20	JAN 31,1975	
5.782	456.600	11	22	JAN 31,1975	
5.816	456.565	11	24	JAN 31,1975	
5.850	456.565	11	26	JAN 31,1975	
5.884	456.554	11	28	JAN 31,1975	
5.918	456.542	11	30	JAN 31,1975	
5.951	456.530	11	32	JAN 31,1975	
5.985	456.519	11	34	JAN 31,1975	
6.019	456.507	11	36	JAN 31,1975	
6.053	456.507	11	38	JAN 31,1975	
6.087	456.496	11	40	JAN 31,1975	
6.121	456.472	11	42	JAN 31,1975	
6.154	456.472	11	44	JAN 31,1975	
6.188	456.461	11	46	JAN 31,1975	
6.222	456.438	11	48	JAN 31,1975	
6.256	456.449	11	50	JAN 31,1975	
6.290	456.426	11	52	JAN 31,1975	
6.323	456.414	11	54	JAN 31,1975	
6.357	456.391	11	56	JAN 31,1975	
6.391	456.391	11	58	JAN 31,1975	
6.425	456.380	12	00	JAN 31,1975	
6.459	456.368	12	03	JAN 31,1975	
6.492	456.357	12	05	JAN 31,1975	
6.526	456.345	12	07	JAN 31,1975	
6.560	456.345	12	09	JAN 31,1975	
6.594	456.333	12	11	JAN 31,1975	
6.628	456.322	12	13	JAN 31,1975	
6.662	456.310	12	15	JAN 31,1975	
6.695	456.299	12	17	JAN 31,1975	
6.729	456.287	12	19	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
6.763	456.264	12	21	JAN 31,1975	
6.797	456.252	12	23	JAN 31,1975	
6.831	456.252	12	25	JAN 31,1975	
6.864	456.241	12	27	JAN 31,1975	
6.898	456.229	12	29	JAN 31,1975	
6.932	456.218	12	31	JAN 31,1975	
6.966	456.218	12	33	JAN 31,1975	
7.000	456.218	12	35	JAN 31,1975	
7.034	456.195	12	37	JAN 31,1975	
7.067	456.183	12	39	JAN 31,1975	
7.101	456.171	12	41	JAN 31,1975	
7.135	456.171	12	43	JAN 31,1975	
7.169	456.160	12	45	JAN 31,1975	
7.203	456.148	12	47	JAN 31,1975	
7.236	456.136	12	49	JAN 31,1975	
7.270	456.125	12	51	JAN 31,1975	
7.304	456.125	12	53	JAN 31,1975	
7.338	456.125	12	55	JAN 31,1975	
7.372	456.113	12	57	JAN 31,1975	
7.405	456.090	12	59	JAN 31,1975	
7.439	456.090	13	01	JAN 31,1975	
7.473	456.090	13	03	JAN 31,1975	
7.507	456.090	13	05	JAN 31,1975	
7.541	456.079	13	07	JAN 31,1975	
7.575	456.067	13	09	JAN 31,1975	
7.608	456.055	13	12	JAN 31,1975	
7.642	456.055	13	14	JAN 31,1975	
7.676	456.032	13	16	JAN 31,1975	
7.710	456.019	13	18	JAN 31,1975	
7.744	456.021	13	20	JAN 31,1975	
7.777	456.021	13	22	JAN 31,1975	
7.811	456.009	13	24	JAN 31,1975	
7.845	455.997	13	26	JAN 31,1975	
7.879	455.986	13	28	JAN 31,1975	
7.913	455.986	13	30	JAN 31,1975	
7.947	455.986	13	32	JAN 31,1975	
7.980	455.963	13	34	JAN 31,1975	
8.014	455.963	13	36	JAN 31,1975	
8.048	455.963	13	38	JAN 31,1975	
8.082	455.951	13	40	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
8.116	455.939	13	42	JAN 31,1975	
8.149	455.928	13	44	JAN 31,1975	
8.183	455.928	13	46	JAN 31,1975	
8.217	455.916	13	48	JAN 31,1975	
8.251	455.905	13	50	JAN 31,1975	
8.285	455.905	13	52	JAN 31,1975	
8.318	455.905	13	54	JAN 31,1975	
8.352	455.905	13	56	JAN 31,1975	
8.386	455.882	13	58	JAN 31,1975	
8.420	455.882	14	00	JAN 31,1975	
8.454	455.882	14	02	JAN 31,1975	
8.488	455.858	14	04	JAN 31,1975	
8.521	455.858	14	06	JAN 31,1975	
8.555	455.870	14	08	JAN 31,1975	
8.589	455.847	14	10	JAN 31,1975	
8.623	455.847	14	12	JAN 31,1975	
8.657	455.835	14	14	JAN 31,1975	
8.690	455.847	14	16	JAN 31,1975	
8.724	455.824	14	18	JAN 31,1975	
8.758	455.812	14	20	JAN 31,1975	
8.792	455.824	14	23	JAN 31,1975	
8.826	455.812	14	25	JAN 31,1975	
8.860	455.812	14	27	JAN 31,1975	
8.893	455.789	14	29	JAN 31,1975	
8.927	455.777	14	31	JAN 31,1975	
8.961	455.789	14	33	JAN 31,1975	
8.995	455.789	14	35	JAN 31,1975	
9.029	455.789	14	37	JAN 31,1975	
9.062	455.789	14	39	JAN 31,1975	
9.096	455.766	14	41	JAN 31,1975	
9.130	455.766	14	43	JAN 31,1975	
9.164	455.766	14	45	JAN 31,1975	
9.198	455.766	14	47	JAN 31,1975	
9.231	455.754	14	49	JAN 31,1975	
9.265	455.743	14	51	JAN 31,1975	
9.299	455.719	14	53	JAN 31,1975	
9.333	455.719	14	55	JAN 31,1975	
9.367	455.731	14	57	JAN 31,1975	
9.401	455.719	14	59	JAN 31,1975	
9.434	455.708	15	01	JAN 31,1975	

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   DELTA     PRESSURE                      TIME       DATE              COMMENTS
   TIME       (PSI)                      HR MIN

   9.468     455.696                     15   03 JAN 31,1975
   9.502     455.685                     15   05 JAN 31,1975
   9.536     455.685                     15   07 JAN 31,1975
   9.570     455.673                     15   09 JAN 31,1975
   9.603     455.661                     15   11 JAN 31,1975
   9.637     455.661                     15   13 JAN 31,1975
   9.671     455.661                     15   15 JAN 31,1975
   9.705     455.661                     15   17 JAN 31,1975
   9.739     455.650                     15   19 JAN 31,1975
   9.773     455.627                     15   21 JAN 31,1975
   9.806     455.615                     15   23 JAN 31,1975
   9.840     455.615                     15   25 JAN 31,1975
   9.874     455.615                     15   27 JAN 31,1975
   9.908     455.615                     15   29 JAN 31,1975
   9.942     455.615                     15   31 JAN 31,1975
   9.975     455.604                     15   34 JAN 31,1975
  10.009     455.580                     15   36 JAN 31,1975
  10.043     455.580                     15   38 JAN 31,1975
  10.077     455.569                     15   40 JAN 31,1975
  10.111     455.569                     15   42 JAN 31,1975
  10.145     455.569                     15   44 JAN 31,1975
  10.178     455.546                     15   46 JAN 31,1975
  10.212     455.546                     15   48 JAN 31,1975
  10.246     455.557                     15   50 JAN 31,1975
  10.280     455.546                     15   52 JAN 31,1975
  10.314     455.534                     15   54 JAN 31,1975
  10.347     455.534                     15   56 JAN 31,1975
  10.381     455.534                     15   58 JAN 31,1975
  10.415     455.522                     16   00 JAN 31,1975
  10.449     455.522                     16   02 JAN 31,1975
  10.483     455.522                     16   04 JAN 31,1975
  10.516     455.511                     16   06 JAN 31,1975
  10.550     455.511                     16   08 JAN 31,1975
  10.584     455.499                     16   10 JAN 31,1975
  10.618     455.499                     16   12 JAN 31,1975
  10.652     455.499                     16   14 JAN 31,1975
  10.686     455.487                     16   16 JAN 31,1975
  10.719     455.487                     16   18 JAN 31,1975
  10.753     455.475                     16   20 JAN 31,1975
  10.787     455.475                     16   22 JAN 31,1975


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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
10.821	455.464	16	24	JAN 31,1975	
10.855	455.453	16	26	JAN 31,1975	
10.888	455.453	16	28	JAN 31,1975	
10.922	455.430	16	30	JAN 31,1975	
10.956	455.441	16	32	JAN 31,1975	
10.990	455.441	16	34	JAN 31,1975	
11.024	455.441	16	36	JAN 31,1975	
11.058	455.441	16	38	JAN 31,1975	
11.091	455.441	16	40	JAN 31,1975	
11.125	455.430	16	43	JAN 31,1975	
11.159	455.430	16	45	JAN 31,1975	
11.193	455.418	16	47	JAN 31,1975	
11.227	455.418	16	49	JAN 31,1975	
11.260	455.407	16	51	JAN 31,1975	
11.294	455.395	16	53	JAN 31,1975	
11.328	455.395	16	55	JAN 31,1975	
11.362	455.395	16	57	JAN 31,1975	
11.396	455.395	16	59	JAN 31,1975	
11.429	455.383	17	01	JAN 31,1975	
11.463	455.383	17	03	JAN 31,1975	
11.497	455.383	17	05	JAN 31,1975	
11.531	455.372	17	07	JAN 31,1975	
11.565	455.372	17	09	JAN 31,1975	
11.599	455.383	17	11	JAN 31,1975	
11.632	455.372	17	13	JAN 31,1975	
11.666	455.372	17	15	JAN 31,1975	
11.700	455.372	17	17	JAN 31,1975	
11.734	455.372	17	19	JAN 31,1975	
11.768	455.372	17	21	JAN 31,1975	
11.801	455.337	17	23	JAN 31,1975	
11.835	455.337	17	25	JAN 31,1975	
11.869	455.349	17	27	JAN 31,1975	
11.903	455.337	17	29	JAN 31,1975	
11.937	455.337	17	31	JAN 31,1975	
11.971	455.325	17	33	JAN 31,1975	
12.004	455.325	17	35	JAN 31,1975	
12.038	455.325	17	37	JAN 31,1975	
12.072	455.302	17	39	JAN 31,1975	
12.106	455.312	17	41	JAN 31,1975	
12.140	455.302	17	43	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.173	455.302	17 45	JAN 31,1975	
12.207	455.291	17 47	JAN 31,1975	
12.241	455.279	17 49	JAN 31,1975	
12.275	455.279	17 51	JAN 31,1975	
12.309	455.268	17 54	JAN 31,1975	
12.342	455.279	17 56	JAN 31,1975	
12.376	455.268	17 58	JAN 31,1975	
12.410	455.268	18 00	JAN 31,1975	
12.444	455.291	18 02	JAN 31,1975	
12.478	455.268	18 04	JAN 31,1975	
12.512	455.256	18 06	JAN 31,1975	
12.545	455.256	18 08	JAN 31,1975	
12.579	455.256	18 10	JAN 31,1975	
12.613	455.256	18 12	JAN 31,1975	
12.647	455.256	18 14	JAN 31,1975	
12.681	455.233	18 16	JAN 31,1975	
12.714	455.233	18 18	JAN 31,1975	
12.748	455.233	18 20	JAN 31,1975	
12.782	455.233	18 22	JAN 31,1975	
12.816	455.221	18 24	JAN 31,1975	
12.850	455.221	18 26	JAN 31,1975	
12.884	455.221	18 28	JAN 31,1975	
12.917	455.210	18 30	JAN 31,1975	
12.951	455.210	18 32	JAN 31,1975	
12.985	455.210	18 34	JAN 31,1975	
13.019	455.210	18 36	JAN 31,1975	
13.053	455.210	18 38	JAN 31,1975	
13.086	455.198	18 40	JAN 31,1975	
13.120	455.210	18 42	JAN 31,1975	
13.154	455.163	18 44	JAN 31,1975	
13.188	455.175	18 46	JAN 31,1975	
13.222	455.163	18 48	JAN 31,1975	
13.255	455.175	18 50	JAN 31,1975	
13.289	455.163	18 52	JAN 31,1975	
13.323	455.163	18 54	JAN 31,1975	
13.357	455.140	18 56	JAN 31,1975	
13.391	455.140	18 58	JAN 31,1975	
13.425	455.128	19 00	JAN 31,1975	
13.459	455.128	19 03	JAN 31,1975	
13.492	455.117	19 05	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.526	455.128	19 07	JAN 31,1975	
13.560	455.117	19 09	JAN 31,1975	
13.594	455.094	19 11	JAN 31,1975	
13.627	455.094	19 13	JAN 31,1975	
13.661	455.082	19 15	JAN 31,1975	
13.695	455.094	19 17	JAN 31,1975	
13.729	455.082	19 19	JAN 31,1975	
13.763	455.082	19 21	JAN 31,1975	
13.797	455.082	19 23	JAN 31,1975	
13.830	455.059	19 25	JAN 31,1975	
13.864	455.059	19 27	JAN 31,1975	
13.898	455.071	19 29	JAN 31,1975	
13.932	455.059	19 31	JAN 31,1975	
13.966	455.059	19 33	JAN 31,1975	
13.999	455.071	19 35	JAN 31,1975	
14.033	455.059	19 37	JAN 31,1975	
14.067	455.059	19 39	JAN 31,1975	
14.101	455.047	19 41	JAN 31,1975	
14.135	455.059	19 43	JAN 31,1975	
14.168	455.059	19 45	JAN 31,1975	
14.202	455.036	19 47	JAN 31,1975	
14.236	455.047	19 49	JAN 31,1975	
14.270	455.047	19 51	JAN 31,1975	
14.304	455.036	19 53	JAN 31,1975	
14.338	455.036	19 55	JAN 31,1975	
14.371	455.036	19 57	JAN 31,1975	
14.405	455.036	19 59	JAN 31,1975	
14.439	455.036	20 01	JAN 31,1975	
14.473	455.036	20 03	JAN 31,1975	
14.507	455.024	20 05	JAN 31,1975	
14.540	455.024	20 07	JAN 31,1975	
14.574	455.013	20 09	JAN 31,1975	
14.608	455.013	20 11	JAN 31,1975	
14.642	455.024	20 14	JAN 31,1975	
14.676	455.013	20 16	JAN 31,1975	
14.710	455.013	20 18	JAN 31,1975	
14.743	455.001	20 20	JAN 31,1975	
14.777	455.001	20 22	JAN 31,1975	
14.811	455.001	20 24	JAN 31,1975	
14.845	454.989	20 26	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
14.879	454.978	20 28	JAN 31,1975	
14.912	454.978	20 30	JAN 31,1975	
14.946	454.978	20 32	JAN 31,1975	
14.980	454.955	20 34	JAN 31,1975	
15.014	454.955	20 36	JAN 31,1975	
15.048	454.943	20 38	JAN 31,1975	
15.081	454.920	20 40	JAN 31,1975	
15.115	454.920	20 42	JAN 31,1975	
15.149	454.920	20 44	JAN 31,1975	
15.183	454.943	20 46	JAN 31,1975	
15.217	454.943	20 48	JAN 31,1975	
15.251	454.932	20 50	JAN 31,1975	
15.284	454.908	20 52	JAN 31,1975	
15.318	454.908	20 54	JAN 31,1975	
15.352	454.908	20 56	JAN 31,1975	
15.386	454.897	20 58	JAN 31,1975	
15.420	454.897	21 00	JAN 31,1975	
15.453	454.885	21 02	JAN 31,1975	
15.487	454.885	21 04	JAN 31,1975	
15.521	454.897	21 06	JAN 31,1975	
15.555	454.885	21 08	JAN 31,1975	
15.589	454.874	21 10	JAN 31,1975	
15.623	454.874	21 12	JAN 31,1975	
15.656	454.874	21 14	JAN 31,1975	
15.690	454.862	21 16	JAN 31,1975	
15.724	454.862	21 18	JAN 31,1975	
15.758	454.862	21 20	JAN 31,1975	
15.792	454.862	21 22	JAN 31,1975	
15.825	454.839	21 25	JAN 31,1975	
15.859	454.827	21 27	JAN 31,1975	
15.893	454.827	21 29	JAN 31,1975	
15.927	454.827	21 31	JAN 31,1975	
15.961	454.827	21 33	JAN 31,1975	
15.994	454.816	21 35	JAN 31,1975	
16.028	454.804	21 37	JAN 31,1975	
16.062	454.804	21 39	JAN 31,1975	
16.096	454.804	21 41	JAN 31,1975	
16.130	454.804	21 43	JAN 31,1975	
16.164	454.816	21 45	JAN 31,1975	
16.197	454.804	21 47	JAN 31,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.231	454.792	21 49	JAN 31,1975	
16.265	454.792	21 51	JAN 31,1975	
16.299	454.781	21 53	JAN 31,1975	
16.333	454.792	21 55	JAN 31,1975	
16.366	454.781	21 57	JAN 31,1975	
16.400	454.769	21 59	JAN 31,1975	
16.434	454.769	22 01	JAN 31,1975	
16.468	454.758	22 03	JAN 31,1975	
16.502	454.758	22 05	JAN 31,1975	
16.536	454.758	22 07	JAN 31,1975	
16.569	454.758	22 09	JAN 31,1975	
16.603	454.758	22 11	JAN 31,1975	
16.637	454.746	22 13	JAN 31,1975	
16.671	454.746	22 15	JAN 31,1975	
16.705	454.746	22 17	JAN 31,1975	
16.738	454.746	22 19	JAN 31,1975	
16.772	454.746	22 21	JAN 31,1975	
16.806	454.735	22 23	JAN 31,1975	
16.840	454.735	22 25	JAN 31,1975	
16.874	454.735	22 27	JAN 31,1975	
16.908	454.735	22 29	JAN 31,1975	
16.941	454.735	22 31	JAN 31,1975	
16.975	454.735	22 34	JAN 31,1975	
17.009	454.735	22 36	JAN 31,1975	
17.043	454.735	22 38	JAN 31,1975	
17.077	454.723	22 40	JAN 31,1975	
17.110	454.711	22 42	JAN 31,1975	
17.144	454.723	22 44	JAN 31,1975	
17.178	454.723	22 46	JAN 31,1975	
17.212	454.723	22 48	JAN 31,1975	
17.246	454.688	22 50	JAN 31,1975	
17.279	454.688	22 52	JAN 31,1975	
17.313	454.688	22 54	JAN 31,1975	
17.347	454.700	22 56	JAN 31,1975	
17.381	454.688	22 58	JAN 31,1975	
17.415	454.688	23 00	JAN 31,1975	
17.449	454.688	23 02	JAN 31,1975	
17.482	454.677	23 04	JAN 31,1975	
17.516	454.677	23 06	JAN 31,1975	
17.550	454.677	23 08	JAN 31,1975	

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JOB NUMBER                                                         DATE OF JOB
SPG-11228-7                                        JANUARY 31-FEBRUARY 2, 1975

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                                 SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT


    DELTA     PRESSURE                     TIME       DATE                    COMMENTS
    TIME      (PSI)                      HR MIN

   17.584     454.677                    23   10 JAN 31,1975
   17.618     454.677                    23   12 JAN 31,1975
   17.651     454.677                    23   14 JAN 31,1975
   17.685     454.677                    23   16 JAN 31,1975
   17.719     454.665                    23   18 JAN 31,1975
   17.753     454.711                    23   20 JAN 31,1975
   17.787     454.677                    23   22 JAN 31,1975
   17.821     454.677                    23   24 JAN 31,1975
   17.854     454.677                    23   26 JAN 31,1975
   17.888     454.677                    23   28 JAN 31,1975
   17.922     454.677                    23   30 JAN 31,1975
   17.956     454.665                    23   32 JAN 31,1975
   17.990     454.653                    23   34 JAN 31,1975
   18.023     454.653                    23   36 JAN 31,1975
   18.057     454.653                    23   38 JAN 31,1975
   18.091     454.653                    23   40 JAN 31,1975
   18.125     454.653                    23   42 JAN 31,1975
   18.159     454.758                    23   45 JAN 31,1975
   18.192     454.653                    23   47 JAN 31,1975
   18.226     454.653                    23   49 JAN 31,1975
   18.260     454.630                    23   51 JAN 31,1975
   18.294     454.642                    23   53 JAN 31,1975
   18.328     454.642                    23   55 JAN 31,1975
   18.362     454.630                    23   57 JAN 31,1975
   18.395     454.630                    23   59 JAN 31,1975
   18.429     454.630                    00   01 FEB 01,1975
   18.463     454.630                    00   03 FEB 01,1975
   18.497     454.630                    00   05 FEB 01,1975
   18.531     454.630                    00   07 FEB 01,1975
   18.564     454.642                    00   09 FEB 01,1975
   18.598     454.630                    00   11 FEB 01,1975
   18.632     454.630                    00   13 FEB 01,1975
   18.666     454.630                    00   15 FEB 01,1975
   18.700     454.630                    00   17 FEB 01,1975
   18.734     454.630                    00   19 FEB 01,1975
   18.767     454.630                    00   21 FEB 01,1975
   18.801     454.642                    00   23 FEB 01,1975
   18.835     454.630                    00   25 FEB 01,1975
   18.869     454.630                    00   27 FEB 01,1975
   18.903     454.619                    00   29 FEB 01,1975
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DATE OF RUN

SPERRY-SUN
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.936	454.630	00 31	FEB 01,1975	
18.970	454.630	00 33	FEB 01,1975	
19.004	454.630	00 35	FEB 01,1975	
19.038	454.630	00 37	FEB 01,1975	
19.072	454.607	00 39	FEB 01,1975	
19.105	454.619	00 41	FEB 01,1975	
19.139	454.619	00 43	FEB 01,1975	
19.173	454.619	00 45	FEB 01,1975	
19.207	454.619	00 47	FEB 01,1975	
19.241	454.619	00 49	FEB 01,1975	
19.275	454.619	00 51	FEB 01,1975	
19.308	454.607	00 54	FEB 01,1975	
19.342	454.619	00 56	FEB 01,1975	
19.376	454.619	00 58	FEB 01,1975	
19.410	454.619	01 00	FEB 01,1975	
19.444	454.596	01 02	FEB 01,1975	
19.477	454.596	01 04	FEB 01,1975	
19.511	454.596	01 06	FEB 01,1975	
19.545	454.584	01 08	FEB 01,1975	
19.579	454.584	01 10	FEB 01,1975	
19.613	454.584	01 12	FEB 01,1975	
19.647	454.584	01 14	FEB 01,1975	
19.680	454.584	01 16	FEB 01,1975	
19.714	454.584	01 18	FEB 01,1975	
19.748	454.572	01 20	FEB 01,1975	
19.782	454.572	01 22	FEB 01,1975	
19.816	454.572	01 24	FEB 01,1975	
19.849	454.549	01 26	FEB 01,1975	
19.883	454.549	01 28	FEB 01,1975	
19.917	454.549	01 30	FEB 01,1975	
19.951	454.549	01 32	FEB 01,1975	
19.985	454.549	01 34	FEB 01,1975	
20.018	454.526	01 36	FEB 01,1975	
20.052	454.549	01 38	FEB 01,1975	
20.086	454.526	01 40	FEB 01,1975	
20.120	454.526	01 42	FEB 01,1975	
20.154	454.526	01 44	FEB 01,1975	
20.188	454.526	01 46	FEB 01,1975	
20.221	454.526	01 48	FEB 01,1975	
20.255	454.514	01 50	FEB 01,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
20.289	454.514	01	52	FEB 01,1975	
20.323	454.514	01	54	FEB 01,1975	
20.357	454.503	01	56	FEB 01,1975	
20.391	454.491	01	58	FEB 01,1975	
20.424	454.503	02	00	FEB 01,1975	
20.458	454.503	02	02	FEB 01,1975	
20.492	454.503	02	05	FEB 01,1975	
20.526	454.491	02	07	FEB 01,1975	
20.560	454.503	02	09	FEB 01,1975	
20.593	454.480	02	11	FEB 01,1975	
20.627	454.480	02	13	FEB 01,1975	
20.661	454.480	02	15	FEB 01,1975	
20.695	454.480	02	17	FEB 01,1975	
20.729	454.480	02	19	FEB 01,1975	
20.762	454.468	02	21	FEB 01,1975	
20.796	454.468	02	23	FEB 01,1975	
20.830	454.457	02	25	FEB 01,1975	
20.864	454.468	02	27	FEB 01,1975	
20.898	454.468	02	29	FEB 01,1975	
20.931	454.468	02	31	FEB 01,1975	
20.965	454.468	02	33	FEB 01,1975	
20.999	454.468	02	35	FEB 01,1975	
21.033	454.468	02	37	FEB 01,1975	
21.067	454.457	02	39	FEB 01,1975	
21.101	454.457	02	41	FEB 01,1975	
21.134	454.468	02	43	FEB 01,1975	
21.168	454.468	02	45	FEB 01,1975	
21.202	454.468	02	47	FEB 01,1975	
21.236	454.457	02	49	FEB 01,1975	
21.270	454.457	02	51	FEB 01,1975	
21.303	454.445	02	53	FEB 01,1975	
21.337	454.445	02	55	FEB 01,1975	
21.371	454.457	02	57	FEB 01,1975	
21.405	454.457	02	59	FEB 01,1975	
21.439	454.445	03	01	FEB 01,1975	
21.473	454.433	03	03	FEB 01,1975	
21.506	454.433	03	05	FEB 01,1975	
21.540	454.433	03	07	FEB 01,1975	
21.574	454.433	03	09	FEB 01,1975	
21.608	454.433	03	11	FEB 01,1975	

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JOB NUMBER                                                            DATE OF JOB
SPG-11226-7                                          JANUARY 31-FEBRUARY 2, 1975

GAUGE/RPG NUMBER                                                      DATE OF RUN
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   DELTA    PRESSURE              TIME     DATE                   COMMENTS
   TIME      (PSI)               HR MIN

  21.642    454.445              03  13 FEB 01,1975
  21.675    454.433              03  16 FEB 01,1975
  21.709    454.445              03  18 FEB 01,1975
  21.742    454.445              03  20 FEB 01,1975
  21.777    454.445              03  22 FEB 01,1975
  21.811    454.445              03  24 FEB 01,1975
  21.844    454.445              03  26 FEB 01,1975
  21.878    454.433              03  28 FEB 01,1975
  21.912    454.433              03  30 FEB 01,1975
  21.946    454.445              03  32 FEB 01,1975
  21.980    454.433              03  34 FEB 01,1975
  22.014    454.433              03  36 FEB 01,1975
  22.047    454.433              03  38 FEB 01,1975
  22.081    454.445              03  40 FEB 01,1975
  22.115    454.433              03  42 FEB 01,1975
  22.149    454.433              03  44 FEB 01,1975
  22.183    454.433              03  46 FEB 01,1975
  22.216    454.422              03  48 FEB 01,1975
  22.250    454.433              03  50 FEB 01,1975
  22.284    454.433              03  52 FEB 01,1975
  22.318    454.410              03  54 FEB 01,1975
  22.352    454.410              03  56 FEB 01,1975
  22.386    454.422              03  58 FEB 01,1975
  22.419    454.410              04  00 FEB 01,1975
  22.453    454.422              04  02 FEB 01,1975
  22.487    454.422              04  04 FEB 01,1975
  22.521    454.422              04  06 FEB 01,1975
  22.555    454.399              04  08 FEB 01,1975
  22.589    454.399              04  10 FEB 01,1975
  22.622    454.399              04  12 FEB 01,1975
  22.656    454.399              04  14 FEB 01,1975
  22.690    454.399              04  16 FEB 01,1975
  22.724    454.399              04  18 FEB 01,1975
  22.757    454.399              04  20 FEB 01,1975
  22.791    454.399              04  22 FEB 01,1975
  22.825    454.399              04  25 FEB 01,1975
  22.859    454.399              04  27 FEB 01,1975
  22.893    454.399              04  29 FEB 01,1975
  22.927    454.387              04  31 FEB 01,1975
  22.961    454.375              04  33 FEB 01,1975


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GAUGE/RUN NUMBER                                              DATE OF RU
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   DELTA    PRESSURE                    TIME      DATE              COMMENTS
    TIME     (PSI)                     HR MIN

  22.994    454.387                    04  35 FEB 01,1975
  23.028    454.387                    04  37 FEB 01,1975
  23.062    454.387                    04  39 FEB 01,1975
  23.096    454.375                    04  41 FEB 01,1975
  23.129    454.375                    04  43 FEB 01,1975
  23.163    454.375                    04  45 FEB 01,1975
  23.197    454.387                    04  47 FEB 01,1975
  23.231    454.364                    04  49 FEB 01,1975
  23.265    454.364                    04  51 FEB 01,1975
  23.299    454.375                    04  53 FEB 01,1975
  23.332    454.375                    04  55 FEB 01,1975
  23.366    454.352                    04  57 FEB 01,1975
  23.400    454.352                    04  59 FEB 01,1975
  23.434    454.364                    05  01 FEB 01,1975
  23.468    454.364                    05  03 FEB 01,1975
  23.501    454.352                    05  05 FEB 01,1975
  23.535    454.352                    05  07 FEB 01,1975
  23.569    454.352                    05  09 FEB 01,1975
  23.603    454.352                    05  11 FEB 01,1975
  23.637    454.352                    05  13 FEB 01,1975
  23.671    454.341                    05  15 FEB 01,1975
  23.704    454.341                    05  17 FEB 01,1975
  23.738    454.341                    05  19 FEB 01,1975
  23.772    454.341                    05  21 FEB 01,1975
  23.806    454.341                    05  23 FEB 01,1975
  23.840    454.341                    05  25 FEB 01,1975
  23.873    454.341                    05  27 FEB 01,1975
  23.907    454.329                    05  29 FEB 01,1975
  23.941    454.317                    05  31 FEB 01,1975
  23.975    454.317                    05  33 FEB 01,1975
  24.009    454.317                    05  36 FEB 01,1975
  24.042    454.317                    05  38 FEB 01,1975
  24.076    454.317                    05  40 FEB 01,1975
  24.110    454.317                    05  42 FEB 01,1975
  24.143    454.317                    05  44 FEB 01,1975
  24.176    454.317                    05  46 FEB 01,1975
  24.212    454.317                    05  48 FEB 01,1975
  24.245    454.317                    05  50 FEB 01,1975
  24.279    454.317                    05  52 FEB 01,1975
  24.313    454.329                    05  54 FEB 01,1975
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SPG-11228-7                                          JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                    DATE OF RUN
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                                   SPERRY-SUN
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    DELTA    PRESSURE                       TIME      DATE                COMMENTS
    TIME      (PSI)                        HR MIN

   25.699    457.434                       07  17 FEB 01,1975
   25.733    457.492                       07  19 FEB 01,1975
   25.767    457.527                       07  21 FEB 01,1975
   25.801    457.585                       07  23 FEB 01,1975
   25.835    457.643                       07  25 FEB 01,1975
   25.868    457.677                       07  27 FEB 01,1975
   25.902    457.735                       07  29 FEB 01,1975
   25.936    457.782                       07  31 FEB 01,1975
   25.970    457.816                       07  33 FEB 01,1975
   26.004    457.851                       07  35 FEB 01,1975
   26.038    457.897                       07  37 FEB 01,1975
   26.071    457.944                       07  39 FEB 01,1975
   26.105    457.990                       07  41 FEB 01,1975
   26.139    458.013                       07  43 FEB 01,1975
   26.173    458.060                       07  45 FEB 01,1975
   26.207    458.094                       07  47 FEB 01,1975
   26.240    458.129                       07  49 FEB 01,1975
   26.274    458.164                       07  51 FEB 01,1975
   26.308    458.187                       07  53 FEB 01,1975
   26.342    458.233                       07  56 FEB 01,1975
   26.376    458.257                       07  58 FEB 01,1975
   26.410    458.291                       08  00 FEB 01,1975
   26.443    458.326                       08  02 FEB 01,1975
   26.477    458.361                       08  04 FEB 01,1975
   26.511    458.396                       08  06 FEB 01,1975
  265.448    458.419                       07  02 FEB 11,1975

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   26.579    458.442                       08  10 FEB 01,1975
   26.612    458.477                       08  12 FEB 01,1975
   26.646    458.512                       08  14 FEB 01,1975
   26.680    458.535                       08  16 FEB 01,1975
   26.714    458.569                       08  18 FEB 01,1975
   26.748    458.593                       08  20 FEB 01,1975
   26.781    458.627                       08  22 FEB 01,1975
   26.815    458.639                       08  24 FEB 01,1975
   26.849    458.674                       08  26 FEB 01,1975
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 DELTA     PRESSURE                TIME     DATE              COMMENTS
 TIME       (PSI)                 HR MIN

26.883     458.709                08   28 FEB 01,1975
26.917     458.720                08   30 FEB 01,1975
26.951     458.732                08   32 FEB 01,1975
26.984     458.778                08   34 FEB 01,1975
27.018     458.801                08   36 FEB 01,1975
27.052     458.813                08   38 FEB 01,1975
27.086     458.836                08   40 FEB 01,1975
27.120     458.859                08   42 FEB 01,1975
27.153     458.894                08   44 FEB 01,1975
27.187     458.917                08   46 FEB 01,1975
27.221     458.929                08   48 FEB 01,1975
27.255     458.963                08   50 FEB 01,1975
27.289     458.987                08   52 FEB 01,1975
27.323     458.998                08   54 FEB 01,1975
27.356     459.021                08   56 FEB 01,1975
27.390     459.033                08   58 FEB 01,1975
27.424     459.068                09   00 FEB 01,1975
27.458     459.091                09   02 FEB 01,1975
27.492     459.114                09   04 FEB 01,1975
27.525     459.126                09   07 FEB 01,1975
27.559     459.149                09   09 FEB 01,1975
27.593     459.172                09   11 FEB 01,1975
27.627     459.195                09   13 FEB 01,1975
27.661     459.207                09   15 FEB 01,1975
27.694     459.218                09   17 FEB 01,1975
27.728     459.253                09   19 FEB 01,1975
27.762     459.265                09   21 FEB 01,1975
27.796     459.288                09   23 FEB 01,1975
27.830     459.299                09   25 FEB 01,1975
27.864     459.311                09   27 FEB 01,1975
27.897     459.346                09   29 FEB 01,1975
27.931     459.369                09   31 FEB 01,1975
27.965     459.380                09   33 FEB 01,1975
27.999     459.369                09   35 FEB 01,1975
28.033     459.392                09   37 FEB 01,1975
28.066     459.415                09   39 FEB 01,1975
28.100     459.415                09   41 FEB 01,1975
28.134     459.427                09   43 FEB 01,1975
28.168     459.462                09   45 FEB 01,1975
28.202     459.485                09   47 FEB 01,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
28.236	459.508	09	49	FEB 01,1975	
28.269	459.508	09	51	FEB 01,1975	
28.303	459.531	09	53	FEB 01,1975	
28.337	459.554	09	55	FEB 01,1975	
28.371	459.566	09	57	FEB 01,1975	
28.405	459.577	09	59	FEB 01,1975	
28.438	459.589	10	01	FEB 01,1975	
28.472	459.612	10	03	FEB 01,1975	
28.506	459.624	10	05	FEB 01,1975	
28.540	459.635	10	07	FEB 01,1975	
28.574	459.647	10	09	FEB 01,1975	
28.607	459.670	10	11	FEB 01,1975	
28.641	459.682	10	13	FEB 01,1975	
28.675	459.693	10	16	FEB 01,1975	
28.709	459.693	10	18	FEB 01,1975	
28.743	459.716	10	20	FEB 01,1975	
28.777	459.728	10	22	FEB 01,1975	
28.810	459.740	10	24	FEB 01,1975	
28.844	459.751	10	26	FEB 01,1975	
28.878	459.763	10	28	FEB 01,1975	
28.912	459.786	10	30	FEB 01,1975	
28.946	459.798	10	32	FEB 01,1975	
28.979	459.809	10	34	FEB 01,1975	
29.013	459.832	10	36	FEB 01,1975	
29.047	459.855	10	38	FEB 01,1975	
29.081	459.867	10	40	FEB 01,1975	
29.115	459.867	10	42	FEB 01,1975	
29.149	459.890	10	44	FEB 01,1975	
29.182	459.890	10	46	FEB 01,1975	
29.216	459.890	10	48	FEB 01,1975	
29.250	459.879	10	50	FEB 01,1975	
29.284	459.879	10	52	FEB 01,1975	
29.318	459.890	10	54	FEB 01,1975	
29.351	459.902	10	56	FEB 01,1975	
29.385	459.902	10	58	FEB 01,1975	
29.419	459.925	11	00	FEB 01,1975	
29.453	459.925	11	02	FEB 01,1975	
29.487	459.925	11	04	FEB 01,1975	
29.520	459.925	11	06	FEB 01,1975	
29.554	459.940	11	08	FEB 01,1975	

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JOB NUMBER                                                      DATE OF JOB
SPG-11228-1                                     JANUARY 31-FEBRUARY 2. 1975

GAUGE/RUN NUMBER                                                DATE OF RUN
145 MPT-8

                                SPERRY-SUN
              PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA    PRESSURE                  TIME       DATE               COMMENTS
   TIME     (PSI)                    HR MIN

  29.588    459.960                  11   10 FEB 01,1975
  29.622    459.960                  11   12 FEB 01,1975
  29.656    459.960                  11   14 FEB 01,1975
  29.690    459.971                  11   16 FEB 01,1975
  29.723    459.983                  11   18 FEB 01,1975
  30.434    460.006                  12   01 FEB 01,1975
  30.467    460.041                  12   03 FEB 01,1975
  30.501    460.052                  12   05 FEB 01,1975
  30.535    460.076                  12   07 FEB 01,1975
  30.569    460.087                  12   09 FEB 01,1975
  30.603    460.099                  12   11 FEB 01,1975
  30.636    460.110                  12   13 FEB 01,1975
  30.670    460.122                  12   15 FEB 01,1975
  30.704    460.134                  12   17 FEB 01,1975
  30.738    460.145                  12   19 FEB 01,1975
  30.772    460.168                  12   21 FEB 01,1975
  30.805    460.238                  12   23 FEB 01,1975
  30.839    460.249                  12   25 FEB 01,1975
  30.873    460.296                  12   27 FEB 01,1975
  30.907    460.319                  12   29 FEB 01,1975
  30.941    460.342                  12   31 FEB 01,1975
  30.975    460.354                  12   33 FEB 01,1975
  31.008    460.377                  12   36 FEB 01,1975
  31.042    460.388                  12   38 FEB 01,1975
  31.076    460.412                  12   40 FEB 01,1975
  31.110    460.423                  12   42 FEB 01,1975
  31.144    460.446                  12   44 FEB 01,1975
  31.177    460.470                  12   46 FEB 01,1975
  31.211    460.470                  12   48 FEB 01,1975
  31.245    460.481                  12   50 FEB 01,1975
  31.279    460.504                  12   52 FEB 01,1975
  31.313    460.516                  12   54 FEB 01,1975
  31.347    460.527                  12   56 FEB 01,1975
  31.380    460.551                  12   58 FEB 01,1975
  31.414    460.551                  13   00 FEB 01,1975
  31.448    460.562                  13   02 FEB 01,1975
  31.482    460.562                  13   04 FEB 01,1975
  31.516    460.574                  13   06 FEB 01,1975
  31.549    460.585                  13   08 FEB 01,1975
  31.583    460.597                  13   10 FEB 01,1975
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JOB NUMBER
SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
145 MPT-6

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
31.617	460.603	13	12	FEB 01,1975	
31.651	460.620	13	14	FEB 01,1975	
31.685	460.643	13	16	FEB 01,1975	
31.718	460.655	13	18	FEB 01,1975	
31.752	460.678	13	20	FEB 01,1975	
31.786	460.676	13	22	FEB 01,1975	
31.820	460.678	13	24	FEB 01,1975	
31.854	460.701	13	26	FEB 01,1975	
31.888	460.724	13	28	FEB 01,1975	
31.921	460.724	13	30	FEB 01,1975	
31.955	460.724	13	32	FEB 01,1975	
31.989	460.748	13	34	FEB 01,1975	
32.023	460.771	13	36	FEB 01,1975	
32.057	460.771	13	38	FEB 01,1975	
32.090	460.771	13	40	FEB 01,1975	
32.124	460.794	13	42	FEB 01,1975	
32.158	460.806	13	44	FEB 01,1975	
32.192	460.817	13	47	FEB 01,1975	
32.226	460.817	13	49	FEB 01,1975	
32.260	460.829	13	51	FEB 01,1975	
32.293	460.840	13	53	FEB 01,1975	
32.327	460.840	13	55	FEB 01,1975	
32.361	460.852	13	57	FEB 01,1975	
32.395	460.863	13	59	FEB 01,1975	
32.429	460.863	14	01	FEB 01,1975	
32.462	460.875	14	03	FEB 01,1975	
32.496	460.887	14	05	FEB 01,1975	
32.530	460.898	14	07	FEB 01,1975	
32.564	460.910	14	09	FEB 01,1975	
32.598	460.921	14	11	FEB 01,1975	
32.631	460.921	14	13	FEB 01,1975	
32.665	460.921	14	15	FEB 01,1975	
32.699	460.933	14	17	FEB 01,1975	
32.733	460.933	14	19	FEB 01,1975	
32.767	460.945	14	21	FEB 01,1975	
32.801	460.956	14	23	FEB 01,1975	
32.834	460.953	14	25	FEB 01,1975	
32.868	460.968	14	27	FEB 01,1975	
32.902	460.979	14	29	FEB 01,1975	
32.936	460.991	14	31	FEB 01,1975	

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JOB NUMBER                                                              DATE OF JOB
SPG-11226-7                                         JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                        DATE OF RUN
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                                   SPERRY-SUN
                   PRECISION SUBSURFACE PRESSURE GAUGE REPORT


     DELTA    PRESSURE                          TIME       DATE                 COMMENTS
     TIME      (PSI)                           HR MIN

    32.970    461.002                          14   33 FEB 01,1975
    33.003    461.002                          14   35 FEB 01,1975
    33.037    461.002                          14   37 FEB 01,1975
    33.071    461.011                          14   39 FEB 01,1975
    33.105    461.026                          14   41 FEB 01,1975
    33.139    461.037                          14   43 FEB 01,1975
    33.173    461.037                          14   45 FEB 01,1975
    33.206    461.037                          14   47 FEB 01,1975
    33.240    461.049                          14   49 FEB 01,1975
    33.274    461.049                          14   51 FEB 01,1975
    33.308    461.049                          14   53 FEB 01,1975
    33.342    461.060                          14   55 FEB 01,1975
    33.375    461.060                          14   58 FEB 01,1975
    33.409    461.084                          15   00 FEB 01,1975
    33.443    461.084                          15   02 FEB 01,1975
    33.477    461.095                          15   04 FEB 01,1975
    33.511    461.095                          15   06 FEB 01,1975
    33.544    461.095                          15   08 FEB 01,1975
    33.578    461.107                          15   10 FEB 01,1975
    33.612    461.118                          15   12 FEB 01,1975
    33.646    461.142                          15   14 FEB 01,1975
    33.680    461.142                          15   16 FEB 01,1975
    33.714    461.142                          15   18 FEB 01,1975
    33.747    461.142                          15   20 FEB 01,1975
    33.781    461.153                          15   22 FEB 01,1975
    33.815    461.153                          15   24 FEB 01,1975
    33.849    461.153                          15   26 FEB 01,1975
    33.883    461.165                          15   28 FEB 01,1975
    33.916    461.165                          15   30 FEB 01,1975
    33.950    461.176                          15   32 FEB 01,1975
    33.984    461.188                          15   34 FEB 01,1975
    34.018    461.188                          15   36 FEB 01,1975
    34.052    461.188                          15   38 FEB 01,1975
    34.086    461.199                          15   40 FEB 01,1975
    34.119    461.199                          15   42 FEB 01,1975
    34.153    461.223                          15   44 FEB 01,1975
    34.187    461.234                          15   46 FEB 01,1975
    34.221    461.234                          15   48 FEB 01,1975
    34.255    461.246                          15   50 FEB 01,1975
    34.288    461.257                          15   52 FEB 01,1975
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JOB NUMBER
SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
145 MPT-H

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
34.322	461.257	15	54	FEB 01,1975	
34.356	461.257	15	56	FEB 01,1975	
34.390	461.257	15	58	FEB 01,1975	
34.424	461.257	16	00	FEB 01,1975	
34.457	461.269	16	02	FEB 01,1975	
34.491	461.269	16	04	FEB 01,1975	
34.525	461.292	16	07	FEB 01,1975	
34.559	461.292	16	09	FEB 01,1975	
34.593	461.292	16	11	FEB 01,1975	
34.627	461.292	16	13	FEB 01,1975	
34.660	461.304	16	15	FEB 01,1975	
34.694	461.304	16	17	FEB 01,1975	
34.728	461.315	16	19	FEB 01,1975	
34.762	461.315	16	21	FEB 01,1975	
34.796	461.315	16	23	FEB 01,1975	
34.829	461.315	16	25	FEB 01,1975	
34.863	461.327	16	27	FEB 01,1975	
34.897	461.338	16	29	FEB 01,1975	
34.931	461.338	16	31	FEB 01,1975	
34.965	461.350	16	33	FEB 01,1975	
34.999	461.350	16	35	FEB 01,1975	
35.032	461.362	16	37	FEB 01,1975	
35.066	461.350	16	39	FEB 01,1975	
35.100	461.385	16	41	FEB 01,1975	
35.134	461.373	16	43	FEB 01,1975	
35.168	461.373	16	45	FEB 01,1975	
35.201	461.408	16	47	FEB 01,1975	
35.235	461.385	16	49	FEB 01,1975	
35.269	461.408	16	51	FEB 01,1975	
35.303	461.408	16	53	FEB 01,1975	
35.337	461.420	16	55	FEB 01,1975	
35.370	461.420	16	57	FEB 01,1975	
35.404	461.431	16	59	FEB 01,1975	
35.438	461.420	17	01	FEB 01,1975	
35.472	461.443	17	03	FEB 01,1975	
35.506	461.443	17	05	FEB 01,1975	
35.540	461.443	17	07	FEB 01,1975	
35.573	461.443	17	09	FEB 01,1975	
35.607	461.454	17	11	FEB 01,1975	
35.641	461.454	17	13	FEB 01,1975	

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JOB NUMBER                                                     DATE OF JOB
SPG-11225-2                                   JANUARY 31-FEBRUARY 2, 1975

GAUGE/[illegible]  NUMBER                                      DATE OF RUN
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                                 SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA     PRESSURE                    TIME       DATE               COMMENTS
  TIME       (PSI)                     HR MIN

 35.675     461.454                    17   15 FEB 01,1975
 35.709     461.454                    17   18 FEB 01,1975
 35.742     461.454                    17   20 FEB 01,1975
 35.776     461.466                    17   22 FEB 01,1975
 35.810     461.466                    17   24 FEB 01,1975
 35.844     461.466                    17   26 FEB 01,1975
 35.878     461.478                    17   28 FEB 01,1975
 35.912     461.501                    17   30 FEB 01,1975
 35.945     461.489                    17   32 FEB 01,1975
 35.979     461.489                    17   34 FEB 01,1975
 36.013     461.512                    17   36 FEB 01,1975
 36.047     461.501                    17   38 FEB 01,1975
 36.081     461.524                    17   40 FEB 01,1975
 36.114     461.524                    17   42 FEB 01,1975
 36.148     461.524                    17   44 FEB 01,1975
 36.182     461.524                    17   46 FEB 01,1975
 36.216     461.535                    17   48 FEB 01,1975
 36.250     461.535                    17   50 FEB 01,1975
 36.283     461.547                    17   52 FEB 01,1975
 36.317     461.547                    17   54 FEB 01,1975
 36.351     461.547                    17   56 FEB 01,1975
 36.385     461.547                    17   58 FEB 01,1975
 36.419     461.559                    18   00 FEB 01,1975
 36.453     461.547                    18   02 FEB 01,1975
 36.486     461.559                    18   04 FEB 01,1975
 36.520     461.559                    18   06 FEB 01,1975
 36.554     461.559                    18   08 FEB 01,1975
 36.588     461.570                    18   10 FEB 01,1975
 36.622     461.570                    18   12 FEB 01,1975
 36.655     461.570                    18   14 FEB 01,1975
 36.689     461.570                    18   16 FEB 01,1975
 36.723     461.582                    18   18 FEB 01,1975
 36.757     461.582                    18   20 FEB 01,1975
 36.791     461.593                    18   22 FEB 01,1975
 36.825     461.593                    18   24 FEB 01,1975
 36.859     461.593                    18   27 FEB 01,1975
 36.892     461.617                    18   29 FEB 01,1975
 36.926     461.617                    18   31 FEB 01,1975
 36.960     461.617                    18   33 FEB 01,1975
 36.993     461.617                    18   35 FEB 01,1975
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JOB NUMBER
SPG-11228-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/UNIT NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
37.027	461.617	18	37	FEB 01,1975	
37.061	461.617	18	39	FEB 01,1975	
37.095	461.617	18	41	FEB 01,1975	
37.129	461.617	18	43	FEB 01,1975	
37.163	461.617	18	45	FEB 01,1975	
37.197	461.617	18	47	FEB 01,1975	
37.230	461.628	18	49	FEB 01,1975	
37.264	461.640	18	51	FEB 01,1975	
37.298	461.640	18	53	FEB 01,1975	
37.332	461.628	18	55	FEB 01,1975	
37.366	461.651	18	57	FEB 01,1975	
37.399	461.651	18	59	FEB 01,1975	
37.433	461.651	19	01	FEB 01,1975	
37.467	461.640	19	03	FEB 01,1975	
37.501	461.640	19	05	FEB 01,1975	
37.535	461.651	19	07	FEB 01,1975	
37.568	461.651	19	09	FEB 01,1975	
37.602	461.663	19	11	FEB 01,1975	
37.636	461.663	19	13	FEB 01,1975	
37.670	461.674	19	15	FEB 01,1975	
37.704	461.663	19	17	FEB 01,1975	
37.738	461.674	19	19	FEB 01,1975	
37.771	461.686	19	21	FEB 01,1975	
37.805	461.709	19	23	FEB 01,1975	
37.839	461.698	19	25	FEB 01,1975	
37.873	461.709	19	27	FEB 01,1975	
37.907	461.709	19	29	FEB 01,1975	
37.940	461.709	19	31	FEB 01,1975	
37.974	461.721	19	33	FEB 01,1975	
38.008	461.721	19	35	FEB 01,1975	
38.042	461.721	19	38	FEB 01,1975	
38.076	461.709	19	40	FEB 01,1975	
38.110	461.732	19	42	FEB 01,1975	
38.143	461.732	19	44	FEB 01,1975	
38.177	461.709	19	46	FEB 01,1975	
38.211	461.709	19	48	FEB 01,1975	
38.245	461.721	19	50	FEB 01,1975	
38.279	461.721	19	52	FEB 01,1975	
38.312	461.721	19	54	FEB 01,1975	
38.346	461.744	19	56	FEB 01,1975	

JOB NUMBER
SPG-11224-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/R NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
38.380	461.755	19 58	FEB 01,1975	
38.414	461.732	20 00	FEB 01,1975	
38.448	461.756	20 02	FEB 01,1975	
38.481	461.756	20 04	FEB 01,1975	
38.515	461.756	20 06	FEB 01,1975	
38.549	461.756	20 08	FEB 01,1975	
38.583	461.756	20 10	FEB 01,1975	
38.617	461.756	20 12	FEB 01,1975	
38.651	461.756	20 14	FEB 01,1975	
38.684	461.779	20 16	FEB 01,1975	
38.887	461.756	20 28	FEB 01,1975	
38.921	461.767	20 30	FEB 01,1975	
38.955	461.779	20 32	FEB 01,1975	
38.989	461.790	20 34	FEB 01,1975	
39.023	461.767	20 36	FEB 01,1975	
39.056	461.790	20 38	FEB 01,1975	
39.090	461.802	20 40	FEB 01,1975	
39.124	461.802	20 42	FEB 01,1975	
39.158	461.790	20 44	FEB 01,1975	
39.192	461.802	20 46	FEB 01,1975	
39.225	461.802	20 49	FEB 01,1975	
39.259	461.802	20 51	FEB 01,1975	
39.293	461.802	20 53	FEB 01,1975	
39.327	461.802	20 55	FEB 01,1975	
39.361	461.814	20 57	FEB 01,1975	
39.394	461.825	20 59	FEB 01,1975	
39.428	461.825	21 01	FEB 01,1975	
39.462	461.814	21 03	FEB 01,1975	
39.496	461.825	21 05	FEB 01,1975	
39.530	461.825	21 07	FEB 01,1975	
39.564	461.825	21 09	FEB 01,1975	
39.597	461.825	21 11	FEB 01,1975	
39.631	461.837	21 13	FEB 01,1975	
39.665	461.837	21 15	FEB 01,1975	
39.699	461.837	21 17	FEB 01,1975	
39.733	461.860	21 19	FEB 01,1975	
39.766	461.860	21 21	FEB 01,1975	
39.800	461.860	21 23	FEB 01,1975	
39.834	461.860	21 25	FEB 01,1975	
39.868	461.860	21 27	FEB 01,1975	

JOB NUMBER
SPG-11226-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
39.902	461.860	21	29	FEB 01,1975	
39.936	461.871	21	31	FEB 01,1975	
39.969	461.871	21	33	FEB 01,1975	
40.003	461.871	21	35	FEB 01,1975	
40.037	461.871	21	37	FEB 01,1975	
40.071	461.871	21	39	FEB 01,1975	
40.105	461.871	21	41	FEB 01,1975	
40.138	461.883	21	43	FEB 01,1975	
40.172	461.871	21	45	FEB 01,1975	
40.206	461.883	21	47	FEB 01,1975	
40.240	461.895	21	49	FEB 01,1975	
40.274	461.895	21	51	FEB 01,1975	
40.307	461.895	21	53	FEB 01,1975	
40.341	461.895	21	55	FEB 01,1975	
40.375	461.895	21	58	FEB 01,1975	
40.409	461.895	22	00	FEB 01,1975	
40.443	461.906	22	02	FEB 01,1975	
40.477	461.906	22	04	FEB 01,1975	
40.510	461.906	22	06	FEB 01,1975	
40.544	461.918	22	08	FEB 01,1975	
40.578	461.929	22	10	FEB 01,1975	
40.612	461.906	22	12	FEB 01,1975	
40.646	461.918	22	14	FEB 01,1975	
40.679	461.918	22	16	FEB 01,1975	
40.713	461.918	22	18	FEB 01,1975	
40.747	461.929	22	20	FEB 01,1975	
40.781	461.919	22	22	FEB 01,1975	
40.815	461.929	22	24	FEB 01,1975	
40.849	461.929	22	26	FEB 01,1975	
40.882	461.929	22	28	FEB 01,1975	
40.916	461.929	22	30	FEB 01,1975	
40.950	461.953	22	32	FEB 01,1975	
40.984	461.964	22	34	FEB 01,1975	
41.018	461.964	22	36	FEB 01,1975	
41.051	461.953	22	38	FEB 01,1975	
41.085	461.964	22	40	FEB 01,1975	
41.119	461.964	22	42	FEB 01,1975	
41.153	461.964	22	44	FEB 01,1975	
41.187	461.964	22	46	FEB 01,1975	
41.220	461.964	22	48	FEB 01,1975	

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JOB NUMBER                                                        DATE OF JOB
SPG-11228-7                                   JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                  DATE OF RUN
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                           SPERRY-SUN
          PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA     PRESSURE                 TIME      DATE              COMMENTS
  TIME       (PSI)                  HR MIN

 41.254    461.976                  22  50 FEB 01,1975
 41.288    461.976                  22  52 FEB 01,1975
 41.322    461.976                  22  54 FEB 01,1975
 41.356    461.976                  22  56 FEB 01,1975
 41.390    461.987                  22  58 FEB 01,1975
 41.423    461.987                  23  00 FEB 01,1975
 41.457    461.987                  23  02 FEB 01,1975
 41.491    461.987                  23  04 FEB 01,1975
 41.525    461.987                  23  06 FEB 01,1975
 41.559    462.010                  23  08 FEB 01,1975
 41.592    462.010                  23  11 FEB 01,1975
 41.626    462.010                  23  13 FEB 01,1975
 41.660    462.010                  23  15 FEB 01,1975
 41.694    462.010                  23  17 FEB 01,1975
 41.728    462.010                  23  19 FEB 01,1975
 41.762    462.022                  23  21 FEB 01,1975
 41.795    462.034                  23  23 FEB 01,1975
 41.829    462.022                  23  25 FEB 01,1975
 41.863    462.022                  23  27 FEB 01,1975
 41.897    462.022                  23  29 FEB 01,1975
 41.931    462.045                  23  31 FEB 01,1975
 41.964    462.045                  23  33 FEB 01,1975
 41.998    462.022                  23  35 FEB 01,1975
 42.032    462.034                  23  37 FEB 01,1975
 42.066    462.034                  23  39 FEB 01,1975
 42.100    462.045                  23  41 FEB 01,1975
 42.133    462.045                  23  43 FEB 01,1975
 42.167    462.045                  23  45 FEB 01,1975
 42.201    462.045                  23  47 FEB 01,1975
 42.235    462.045                  23  49 FEB 01,1975
 42.269    462.045                  23  51 FEB 01,1975
 42.303    462.045                  23  53 FEB 01,1975
 42.336    462.057                  23  55 FEB 01,1975
 42.370    462.057                  23  57 FEB 01,1975
 42.404    462.057                  23  59 FEB 01,1975
 42.438    462.057                  00  01 FEB 02,1975
 42.472    462.057                  00  03 FEB 02,1975
 42.505    462.057                  00  05 FEB 02,1975
 42.539    462.057                  00  07 FEB 02,1975
 42.573    462.080                  00  09 FEB 02,1975
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                                SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE                        TIME       DATE                  COMMENTS
   TIME       (PSI)                          HR MIN

  42.607     462.080                         00   11 FEB 02,1975
  42.641     462.080                         00   13 FEB 02,1975
  42.675     462.080                         00   15 FEB 02,1975
  42.709     462.080                         00   18 FEB 02,1975
  42.742     462.080                         00   20 FEB 02,1975
  42.776     462.080                         00   22 FEB 02,1975
  42.810     462.080                         00   24 FEB 02,1975
  42.844     462.080                         00   26 FEB 02,1975
  42.877     462.080                         00   28 FEB 02,1975
  42.911     462.080                         00   30 FEB 02,1975
  42.945     462.080                         00   32 FEB 02,1975
  42.979     462.080                         00   34 FEB 02,1975
  43.013     462.092                         00   36 FEB 02,1975
  43.046     462.092                         00   38 FEB 02,1975
  43.080     462.092                         00   40 FEB 02,1975
  43.114     462.092                         00   42 FEB 02,1975
  43.148     462.092                         00   44 FEB 02,1975
  43.182     462.092                         00   46 FEB 02,1975
  43.216     462.103                         00   49 FEB 02,1975
  43.249     462.103                         00   50 FEB 02,1975
  43.283     462.103                         00   52 FEB 02,1975   LAST NULL ON
  43.317     462.115                         00   54 FEB 02,1975   CHART AT THE
  43.351     462.126                         00   56 FEB 02,1975   TIME OF 0058
  43.385     462.126                         00   58 FEB 02,1975   2-2-75




                       1254 POINTS REPORTED THIS RUN
```

JOB NUMBER
SPG-11228-7

DATE OF JOB
ANUARY 31-FEBRUARY 2, 1975

MPT # 8

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER	SG-1
FIELD/LEASE	SORGHUM GULCH
COUNTY/PARISH	RIO BLANCO
STATE	COLORADO
TYPE OF TEST	MPT
REFERENCE ELEV	GROUND ELEVATION

ADDITIONAL INFORMATION

GAUGE NO. 140 WITH 500 PSI ELEMENT BOTTOM GAUGE

GAUGE DEPTH 1194 FEET

ZONE FOR GAUGE NO. 140 1188 FT-2522 FT

INITIAL HYDROSTATIC 482.171 PSI

LAST NULL ON CHART 488.810 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT AND 1188 FT TD=2522 FT

1297 POINTS REPORTED THIS JOB

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JOB NUMBER
SPG-1122A-7

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ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
0.000	487.763	05	35	JAN 31,1975	SET PACKERS
0.033	488.051	05	37	JAN 31,1975	
0.067	488.189	05	39	JAN 31,1975	
0.100	488.269	05	41	JAN 31,1975	
0.133	488.281	05	43	JAN 31,1975	
0.167	488.258	05	45	JAN 31,1975	
0.200	488.292	05	47	JAN 31,1975	
0.233	488.269	05	49	JAN 31,1975	
0.267	488.292	05	51	JAN 31,1975	
0.300	488.258	05	53	JAN 31,1975	
0.333	488.258	05	55	JAN 31,1975	
0.367	488.269	05	57	JAN 31,1975	
0.400	488.258	05	59	JAN 31,1975	
0.433	488.235	06	01	JAN 31,1975	
0.467	488.258	06	03	JAN 31,1975	
0.500	488.442	06	05	JAN 31,1975	
0.533	488.384	06	07	JAN 31,1975	
0.567	488.361	06	09	JAN 31,1975	
0.600	488.373	06	11	JAN 31,1975	START JETTING
0.633	488.338	06	13	JAN 31,1975	
0.667	488.361	06	15	JAN 31,1975	
0.700	488.350	06	17	JAN 31,1975	
0.733	488.361	06	19	JAN 31,1975	
0.767	488.373	06	21	JAN 31,1975	
0.800	488.373	06	23	JAN 31,1975	
0.833	488.419	06	25	JAN 31,1975	
0.867	488.376	06	27	JAN 31,1975	
0.900	488.407	06	29	JAN 31,1975	
0.933	488.407	06	31	JAN 31,1975	
0.967	488.384	06	33	JAN 31,1975	
1.000	488.396	06	35	JAN 31,1975	
1.033	488.396	06	37	JAN 31,1975	
1.067	488.361	06	39	JAN 31,1975	
1.100	488.361	06	41	JAN 31,1975	
1.133	488.361	06	43	JAN 31,1975	
1.167	488.361	06	45	JAN 31,1975	
1.200	488.373	06	47	JAN 31,1975	
1.233	488.373	06	49	JAN 31,1975	
1.267	488.373	06	51	JAN 31,1975	
1.300	488.384	06	53	JAN 31,1975	

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DATE OF JOB
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GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA	PRESSURE	TIME		DATE	COMMENTS
TIME	(PSI)	HR	MIN		
1.333	488.361	06	55	JAN 31,1975	
1.367	488.361	06	57	JAN 31,1975	
1.400	488.361	06	59	JAN 31,1975	
1.433	488.361	07	01	JAN 31,1975	
1.467	488.373	07	03	JAN 31,1975	
1.500	488.361	07	05	JAN 31,1975	
1.533	488.373	07	07	JAN 31,1975	
1.567	488.350	07	09	JAN 31,1975	
1.600	488.350	07	11	JAN 31,1975	
1.633	488.327	07	13	JAN 31,1975	
1.667	488.327	07	15	JAN 31,1975	
1.700	488.281	07	17	JAN 31,1975	
1.733	488.338	07	19	JAN 31,1975	
1.767	488.327	07	21	JAN 31,1975	
1.800	488.338	07	23	JAN 31,1975	
1.833	488.350	07	25	JAN 31,1975	
1.867	488.350	07	27	JAN 31,1975	
1.900	488.327	07	29	JAN 31,1975	
1.933	488.338	07	31	JAN 31,1975	
1.967	488.327	07	33	JAN 31,1975	
2.000	488.315	07	35	JAN 31,1975	
2.033	488.338	07	37	JAN 31,1975	
2.067	488.338	07	39	JAN 31,1975	
2.100	488.327	07	41	JAN 31,1975	
2.133	488.350	07	43	JAN 31,1975	
2.167	488.327	07	45	JAN 31,1975	
2.200	488.327	07	47	JAN 31,1975	
2.233	488.315	07	49	JAN 31,1975	
2.267	488.258	07	51	JAN 31,1975	
2.300	488.338	07	53	JAN 31,1975	
2.333	488.350	07	55	JAN 31,1975	
2.367	488.315	07	57	JAN 31,1975	
2.400	488.304	07	59	JAN 31,1975	
2.433	488.304	08	01	JAN 31,1975	
2.467	488.304	08	03	JAN 31,1975	
2.500	488.292	08	05	JAN 31,1975	
2.533	488.281	08	07	JAN 31,1975	
2.567	488.304	08	09	JAN 31,1975	
2.600	488.304	08	11	JAN 31,1975	
2.633	488.281	08	13	JAN 31,1975	

JOB NUMBER
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GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
2.667	488.281	08	15	JAN 31,1975	
2.700	488.304	08	17	JAN 31,1975	
2.733	488.292	08	19	JAN 31,1975	
2.767	488.292	08	21	JAN 31,1975	
2.800	488.304	08	23	JAN 31,1975	
2.833	488.292	08	25	JAN 31,1975	
2.867	488.304	08	27	JAN 31,1975	
2.900	488.281	08	29	JAN 31,1975	
2.933	488.269	08	31	JAN 31,1975	
2.967	488.258	08	33	JAN 31,1975	
3.000	488.269	08	35	JAN 31,1975	
3.033	488.258	08	37	JAN 31,1975	
3.067	488.281	08	39	JAN 31,1975	
3.100	488.269	08	41	JAN 31,1975	
3.133	488.281	08	43	JAN 31,1975	
3.167	488.246	08	45	JAN 31,1975	
3.200	488.258	08	47	JAN 31,1975	
3.233	488.281	08	49	JAN 31,1975	
3.267	488.258	08	51	JAN 31,1975	
3.300	488.292	08	53	JAN 31,1975	
3.333	488.292	08	55	JAN 31,1975	
3.367	488.269	08	57	JAN 31,1975	
3.400	488.269	08	59	JAN 31,1975	
3.433	488.269	09	01	JAN 31,1975	
3.467	488.269	09	03	JAN 31,1975	
3.500	488.269	09	05	JAN 31,1975	
3.533	488.269	09	07	JAN 31,1975	
3.567	488.269	09	09	JAN 31,1975	
3.600	488.269	09	11	JAN 31,1975	
3.633	488.269	09	13	JAN 31,1975	
3.667	488.258	09	15	JAN 31,1975	
3.700	488.269	09	17	JAN 31,1975	
3.733	488.235	09	19	JAN 31,1975	
3.767	488.235	09	21	JAN 31,1975	
3.800	488.246	09	23	JAN 31,1975	
3.833	488.246	09	25	JAN 31,1975	
3.867	488.235	09	27	JAN 31,1975	
3.900	488.223	09	29	JAN 31,1975	
3.933	488.269	09	31	JAN 31,1975	
3.967	488.235	09	33	JAN 31,1975	

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
4.000	488.235	09	35	JAN 31,1975	
4.033	488.223	09	37	JAN 31,1975	
4.067	488.246	09	39	JAN 31,1975	
4.100	488.223	09	41	JAN 31,1975	
4.133	488.235	09	43	JAN 31,1975	
4.167	488.235	09	45	JAN 31,1975	
4.200	488.235	09	47	JAN 31,1975	
4.233	488.223	09	49	JAN 31,1975	
4.267	488.223	09	51	JAN 31,1975	
4.300	488.223	09	53	JAN 31,1975	
4.333	488.235	09	55	JAN 31,1975	
4.367	488.200	09	57	JAN 31,1975	
4.400	488.189	09	59	JAN 31,1975	
4.433	488.235	10	01	JAN 31,1975	
4.467	488.200	10	03	JAN 31,1975	
4.500	488.246	10	05	JAN 31,1975	
4.533	488.223	10	07	JAN 31,1975	
4.567	488.166	10	09	JAN 31,1975	
4.600	488.223	10	11	JAN 31,1975	
4.633	488.223	10	13	JAN 31,1975	
4.667	488.235	10	15	JAN 31,1975	
4.700	488.223	10	17	JAN 31,1975	
4.733	488.235	10	19	JAN 31,1975	
4.767	488.223	10	21	JAN 31,1975	
4.800	488.177	10	23	JAN 31,1975	
4.833	488.223	10	25	JAN 31,1975	
4.867	488.258	10	27	JAN 31,1975	
4.900	488.223	10	29	JAN 31,1975	
4.933	488.235	10	31	JAN 31,1975	
4.967	488.235	10	33	JAN 31,1975	
5.000	488.143	10	35	JAN 31,1975	
5.033	488.235	10	37	JAN 31,1975	
5.067	488.223	10	39	JAN 31,1975	
5.100	488.223	10	41	JAN 31,1975	
5.133	488.235	10	43	JAN 31,1975	
5.167	488.258	10	45	JAN 31,1975	
5.200	488.235	10	47	JAN 31,1975	
5.233	488.235	10	49	JAN 31,1975	
5.267	488.235	10	51	JAN 31,1975	
5.300	488.223	10	53	JAN 31,1975	

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DATE OF JOB
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GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
5.333	488.258	10 55	JAN 31,1975	
5.367	488.223	10 57	JAN 31,1975	
5.400	488.235	10 59	JAN 31,1975	
5.433	488.223	11 01	JAN 31,1975	
5.467	488.212	11 03	JAN 31,1975	
5.500	488.212	11 05	JAN 31,1975	
5.533	488.212	11 07	JAN 31,1975	
5.567	488.212	11 09	JAN 31,1975	
5.600	488.212	11 11	JAN 31,1975	
5.633	488.200	11 13	JAN 31,1975	
5.667	488.200	11 15	JAN 31,1975	
5.700	488.154	11 17	JAN 31,1975	
5.733	488.200	11 19	JAN 31,1975	
5.767	488.200	11 21	JAN 31,1975	
5.800	488.200	11 23	JAN 31,1975	
5.833	488.212	11 25	JAN 31,1975	
5.867	488.200	11 27	JAN 31,1975	
5.900	488.200	11 29	JAN 31,1975	
5.933	488.223	11 31	JAN 31,1975	
5.967	488.200	11 33	JAN 31,1975	
6.000	488.200	11 35	JAN 31,1975	
6.033	488.212	11 37	JAN 31,1975	
6.067	488.200	11 39	JAN 31,1975	
6.100	488.200	11 41	JAN 31,1975	
6.133	488.189	11 43	JAN 31,1975	
6.167	488.212	11 45	JAN 31,1975	
6.200	488.200	11 47	JAN 31,1975	
6.233	488.212	11 49	JAN 31,1975	
6.267	488.212	11 51	JAN 31,1975	
6.300	488.212	11 53	JAN 31,1975	
6.333	488.212	11 55	JAN 31,1975	
6.367	488.223	11 57	JAN 31,1975	
6.400	488.235	11 59	JAN 31,1975	
6.433	488.235	12 01	JAN 31,1975	
6.467	488.223	12 03	JAN 31,1975	
6.500	488.246	12 05	JAN 31,1975	
6.533	488.235	12 07	JAN 31,1975	
6.567	488.235	12 09	JAN 31,1975	
6.600	488.223	12 11	JAN 31,1975	
6.633	488.235	12 13	JAN 31,1975	

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JOB NUMBER
SPG-11228-7                                                  DATE OF JOB
                                               JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
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                                SPERRY-SUN
               PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE
   TIME       (PSI)                  TIME      DATE              COMMENTS
                                    HR MIN

  24.347     454.329                 05   56 FEB 01,1975
  24.381     454.317                 05   58 FEB 01,1975
  24.414     454.317                 06   00 FEB 01,1975
  24.448     454.306                 06   02 FEB 01,1975
  24.482     454.306                 06   04 FEB 01,1975
  24.516     454.317                 06   06 FEB 01,1975
  24.550     454.317                 06   08 FEB 01,1975
  24.584     454.236                 06   10 FEB 01,1975   END JETTING
  24.617     454.213                 06   12 FEB 01,1975   START RECOVERY
  24.651     454.248                 06   14 FEB 01,1975
  24.685     454.329                 06   16 FEB 01,1975
  24.719     454.422                 06   18 FEB 01,1975
  24.753     454.561                 06   20 FEB 01,1975
  24.786     454.723                 06   22 FEB 01,1975
  24.820     454.885                 06   24 FEB 01,1975
  24.854     455.047                 06   26 FEB 01,1975
  24.888     455.178                 06   28 FEB 01,1975
  24.922     455.349                 06   30 FEB 01,1975
  24.955     455.499                 06   32 FEB 01,1975
  24.989     455.650                 06   34 FEB 01,1975
  25.023     455.739                 06   36 FEB 01,1975
  25.057     455.905                 06   38 FEB 01,1975
  25.091     456.032                 06   40 FEB 01,1975
  25.125     456.148                 06   42 FEB 01,1975
  25.159     456.252                 06   45 FEB 01,1975
  25.192     456.368                 06   47 FEB 01,1975
  25.226     456.461                 06   49 FEB 01,1975
  25.260     456.554                 06   51 FEB 01,1975
  25.294     456.646                 06   53 FEB 01,1975
  25.327     456.716                 06   55 FEB 01,1975
  25.361     456.797                 06   57 FEB 01,1975
  25.395     456.890                 06   59 FEB 01,1975
  25.429     456.959                 07   01 FEB 01,1975
  25.463     457.017                 07   03 FEB 01,1975
  25.497     457.086                 07   05 FEB 01,1975
  25.530     457.156                 07   07 FEB 01,1975
  25.564     457.226                 07   09 FEB 01,1975
  25.598     457.272                 07   11 FEB 01,1975
  25.632     457.330                 07   13 FEB 01,1975
  25.666     457.386                 07   15 FEB 01,1975
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SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
6.667	488.235	12	15	JAN 31,1975	
6.700	488.200	12	17	JAN 31,1975	
6.733	488.200	12	19	JAN 31,1975	
6.767	488.189	12	21	JAN 31,1975	
6.800	488.223	12	23	JAN 31,1975	
6.833	488.200	12	25	JAN 31,1975	
6.867	488.200	12	27	JAN 31,1975	
6.900	488.235	12	29	JAN 31,1975	
6.933	488.235	12	31	JAN 31,1975	
6.967	488.223	12	33	JAN 31,1975	
7.000	488.223	12	35	JAN 31,1975	
7.033	488.212	12	37	JAN 31,1975	
7.067	488.189	12	39	JAN 31,1975	
7.100	488.223	12	41	JAN 31,1975	
7.133	488.200	12	43	JAN 31,1975	
7.167	488.200	12	45	JAN 31,1975	
7.200	488.200	12	47	JAN 31,1975	
7.233	488.166	12	49	JAN 31,1975	
7.267	488.200	12	51	JAN 31,1975	
7.300	488.177	12	53	JAN 31,1975	
7.333	488.177	12	55	JAN 31,1975	
7.367	488.212	12	57	JAN 31,1975	
7.400	488.200	12	59	JAN 31,1975	
7.433	488.223	13	01	JAN 31,1975	
7.467	488.200	13	03	JAN 31,1975	
7.500	488.200	13	05	JAN 31,1975	
7.533	488.223	13	07	JAN 31,1975	
7.567	488.212	13	09	JAN 31,1975	
7.600	488.223	13	11	JAN 31,1975	
7.633	488.200	13	13	JAN 31,1975	
7.667	488.212	13	15	JAN 31,1975	
7.700	488.235	13	17	JAN 31,1975	
7.733	488.212	13	19	JAN 31,1975	
7.767	488.235	13	21	JAN 31,1975	
7.800	488.223	13	23	JAN 31,1975	
7.833	488.212	13	25	JAN 31,1975	
7.867	488.200	13	27	JAN 31,1975	
7.900	488.200	13	29	JAN 31,1975	
7.933	488.200	13	31	JAN 31,1975	
7.967	488.200	13	33	JAN 31,1975	

JOB NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
8.000	488.200	13	35	JAN 31,1975	
8.033	488.212	13	37	JAN 31,1975	
8.067	488.097	13	39	JAN 31,1975	
8.100	488.189	13	41	JAN 31,1975	
8.133	488.223	13	43	JAN 31,1975	
8.167	488.223	13	45	JAN 31,1975	
8.200	488.223	13	47	JAN 31,1975	
8.233	488.223	13	49	JAN 31,1975	
8.267	488.235	13	51	JAN 31,1975	
8.300	488.235	13	53	JAN 31,1975	
8.333	488.177	13	55	JAN 31,1975	
8.367	488.212	13	57	JAN 31,1975	
8.400	488.212	13	59	JAN 31,1975	
8.433	488.212	14	01	JAN 31,1975	
8.467	488.212	14	03	JAN 31,1975	
8.500	488.189	14	05	JAN 31,1975	
8.533	488.189	14	07	JAN 31,1975	
8.567	488.212	14	09	JAN 31,1975	
8.600	488.177	14	11	JAN 31,1975	
8.633	488.212	14	13	JAN 31,1975	
8.667	488.212	14	15	JAN 31,1975	
8.700	488.223	14	17	JAN 31,1975	
8.733	488.223	14	19	JAN 31,1975	
8.767	488.212	14	21	JAN 31,1975	
8.800	488.212	14	23	JAN 31,1975	
8.833	488.212	14	25	JAN 31,1975	
8.867	488.212	14	27	JAN 31,1975	
8.900	488.212	14	29	JAN 31,1975	
8.933	488.212	14	31	JAN 31,1975	
8.967	488.200	14	33	JAN 31,1975	
9.000	488.212	14	35	JAN 31,1975	
9.033	488.212	14	37	JAN 31,1975	
9.067	488.212	14	39	JAN 31,1975	
9.100	488.212	14	41	JAN 31,1975	
9.133	488.212	14	43	JAN 31,1975	
9.167	488.200	14	45	JAN 31,1975	
9.200	488.200	14	47	JAN 31,1975	
9.233	488.200	14	49	JAN 31,1975	
9.267	488.212	14	51	JAN 31,1975	
9.300	488.223	14	53	JAN 31,1975	

JOB NUMBER
SPG-11226-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MET-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
9.333	488.223	14	55	JAN 31,1975	
9.367	488.212	14	57	JAN 31,1975	
9.400	488.212	14	59	JAN 31,1975	
9.433	488.143	15	01	JAN 31,1975	
9.467	488.212	15	03	JAN 31,1975	
9.500	488.212	15	05	JAN 31,1975	
9.533	488.212	15	07	JAN 31,1975	
9.567	488.120	15	09	JAN 31,1975	
9.600	488.212	15	11	JAN 31,1975	
9.633	488.212	15	13	JAN 31,1975	
9.667	488.212	15	15	JAN 31,1975	
9.700	488.212	15	17	JAN 31,1975	
9.733	488.189	15	19	JAN 31,1975	
9.767	488.212	15	21	JAN 31,1975	
9.800	488.200	15	23	JAN 31,1975	
9.833	488.189	15	25	JAN 31,1975	
9.867	488.200	15	27	JAN 31,1975	
9.900	488.200	15	29	JAN 31,1975	
9.933	488.035	15	31	JAN 31,1975	
9.967	488.177	15	33	JAN 31,1975	
10.000	488.139	15	35	JAN 31,1975	
10.033	488.200	15	37	JAN 31,1975	
10.067	488.200	15	39	JAN 31,1975	
10.100	488.212	15	41	JAN 31,1975	
10.133	488.189	15	43	JAN 31,1975	
10.167	488.189	15	45	JAN 31,1975	
10.200	488.189	15	47	JAN 31,1975	
10.233	488.200	15	49	JAN 31,1975	
10.267	488.200	15	51	JAN 31,1975	
10.300	488.200	15	53	JAN 31,1975	
10.333	488.189	15	55	JAN 31,1975	
10.367	488.200	15	57	JAN 31,1975	
10.400	488.200	15	59	JAN 31,1975	
10.433	488.131	16	01	JAN 31,1975	
10.467	488.166	16	03	JAN 31,1975	
10.500	488.189	16	05	JAN 31,1975	
10.533	488.200	16	07	JAN 31,1975	
10.567	488.212	16	09	JAN 31,1975	
10.600	488.154	16	11	JAN 31,1975	
10.633	488.212	16	13	JAN 31,1975	

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
10.667	488.223	16 15	JAN 31,1975	
10.700	488.223	16 17	JAN 31,1975	
10.733	488.223	16 19	JAN 31,1975	
10.767	488.177	16 21	JAN 31,1975	
10.800	488.212	16 23	JAN 31,1975	
10.833	488.212	16 25	JAN 31,1975	
10.867	488.212	16 27	JAN 31,1975	
10.900	488.143	16 29	JAN 31,1975	
10.933	488.154	16 31	JAN 31,1975	
10.967	488.154	16 33	JAN 31,1975	
11.000	488.177	16 35	JAN 31,1975	
11.033	488.189	16 37	JAN 31,1975	
11.067	488.189	16 39	JAN 31,1975	
11.100	488.189	16 41	JAN 31,1975	
11.133	488.189	16 43	JAN 31,1975	
11.167	488.200	16 45	JAN 31,1975	
11.200	488.200	16 47	JAN 31,1975	
11.233	488.200	16 49	JAN 31,1975	
11.267	488.154	16 51	JAN 31,1975	
11.300	488.200	16 53	JAN 31,1975	
11.333	488.200	16 55	JAN 31,1975	
11.367	488.166	16 57	JAN 31,1975	
11.400	488.212	16 59	JAN 31,1975	
11.433	488.212	17 01	JAN 31,1975	
11.467	488.200	17 03	JAN 31,1975	
11.500	488.200	17 05	JAN 31,1975	
11.533	488.085	17 07	JAN 31,1975	
11.567	488.212	17 09	JAN 31,1975	
11.600	488.200	17 11	JAN 31,1975	
11.633	488.200	17 13	JAN 31,1975	
11.667	488.200	17 15	JAN 31,1975	
11.700	488.200	17 17	JAN 31,1975	
11.733	488.177	17 19	JAN 31,1975	
11.767	488.200	17 21	JAN 31,1975	
11.800	488.200	17 23	JAN 31,1975	
11.833	488.189	17 25	JAN 31,1975	
11.867	488.166	17 27	JAN 31,1975	
11.900	488.200	17 29	JAN 31,1975	
11.933	488.212	17 31	JAN 31,1975	
11.967	488.212	17 33	JAN 31,1975	

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JOB NUMBER                                              DATE OF JOB
SPG-11225-7                               JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                        DATE OF RUN
140 HPT-8

                         SPERRY-SUN
          PRECISION SUBSURFACE PRESSURE GAUGE REPORT


 DELTA     PRESSURE              TIME      DATE            COMMENTS
 TIME       (PSI)               HR MIN

12.000     488.097              17  35 JAN 31,1975
12.033     488.200              17  37 JAN 31,1975
12.067     488.212              17  39 JAN 31,1975
12.100     488.200              17  41 JAN 31,1975
12.133     488.200              17  43 JAN 31,1975
12.167     488.223              17  45 JAN 31,1975
12.200     488.223              17  47 JAN 31,1975
12.233     488.189              17  49 JAN 31,1975
12.267     488.223              17  51 JAN 31,1975
12.300     488.200              17  53 JAN 31,1975
12.333     488.235              17  55 JAN 31,1975
12.367     488.235              17  57 JAN 31,1975
12.400     488.246              17  59 JAN 31,1975
12.433     488.223              18  01 JAN 31,1975
12.467     488.223              18  03 JAN 31,1975
12.500     488.246              18  05 JAN 31,1975
12.533     488.200              18  07 JAN 31,1975
12.567     488.223              18  09 JAN 31,1975
12.600     488.235              18  11 JAN 31,1975
12.633     488.223              18  13 JAN 31,1975
12.667     488.223              18  15 JAN 31,1975
12.700     488.223              18  17 JAN 31,1975
12.733     488.177              18  19 JAN 31,1975
12.767     488.246              18  21 JAN 31,1975
12.800     488.223              18  23 JAN 31,1975
12.833     488.212              18  25 JAN 31,1975
12.867     488.200              18  27 JAN 31,1975
12.900     488.223              18  29 JAN 31,1975
12.933     488.223              18  31 JAN 31,1975
12.967     488.235              18  33 JAN 31,1975
13.000     488.235              18  35 JAN 31,1975
13.033     488.212              18  37 JAN 31,1975
13.067     488.212              18  39 JAN 31,1975
13.100     488.212              18  41 JAN 31,1975
13.133     488.212              18  43 JAN 31,1975
13.167     488.223              18  45 JAN 31,1975
13.200     488.223              18  47 JAN 31,1975
13.233     488.223              18  49 JAN 31,1975
13.267     488.223              18  51 JAN 31,1975
13.300     488.200              18  53 JAN 31,1975
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JOB NUMBER
SPG-11224-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-6

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
13.333	488.212	18	55	JAN 31,1975	
13.367	488.212	18	57	JAN 31,1975	
13.400	488.223	18	59	JAN 31,1975	
13.433	488.235	19	01	JAN 31,1975	
13.467	488.212	19	03	JAN 31,1975	
13.500	488.212	19	05	JAN 31,1975	
13.533	488.177	19	07	JAN 31,1975	
13.567	488.246	19	09	JAN 31,1975	
13.600	488.235	19	11	JAN 31,1975	
13.633	488.235	19	13	JAN 31,1975	
13.667	488.235	19	15	JAN 31,1975	
13.700	488.246	19	17	JAN 31,1975	
13.733	488.235	19	19	JAN 31,1975	
13.767	488.269	19	21	JAN 31,1975	
13.800	488.223	19	23	JAN 31,1975	
13.833	488.223	19	25	JAN 31,1975	
13.867	488.235	19	27	JAN 31,1975	
13.900	488.212	19	29	JAN 31,1975	
13.933	488.235	19	31	JAN 31,1975	
13.967	488.200	19	33	JAN 31,1975	
14.000	488.246	19	35	JAN 31,1975	
14.033	488.258	19	37	JAN 31,1975	
14.067	488.246	19	39	JAN 31,1975	
14.100	488.235	19	41	JAN 31,1975	
14.133	488.223	19	43	JAN 31,1975	
14.167	488.258	19	45	JAN 31,1975	
14.200	488.177	19	47	JAN 31,1975	
14.233	488.269	19	49	JAN 31,1975	
14.267	488.258	19	51	JAN 31,1975	
14.300	488.258	19	53	JAN 31,1975	
14.333	488.246	19	55	JAN 31,1975	
14.367	488.246	19	57	JAN 31,1975	
14.400	488.258	19	59	JAN 31,1975	
14.433	488.258	20	01	JAN 31,1975	
14.467	488.246	20	03	JAN 31,1975	
14.500	488.246	20	05	JAN 31,1975	
14.533	488.269	20	07	JAN 31,1975	
14.567	488.246	20	09	JAN 31,1975	
14.600	488.292	20	11	JAN 31,1975	
14.633	488.212	20	13	JAN 31,1975	

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J.S. NUMBER                                                          DATE OF JOB
SPG-11/28-7                                      JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                     DATE OF RUN
140 MPT-A

                                  SPERRY-SUN
                   PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA    PRESSURE                          TIME      DATE                  COMMENTS
   TIME      (PSI)                          HR MIN

  14.667    488.269                          20  15 JAN 31,1975
  14.700    488.246                          20  17 JAN 31,1975
  14.733    488.292                          20  19 JAN 31,1975
  14.767    488.269                          20  21 JAN 31,1975
  14.800    488.269                          20  23 JAN 31,1975
  14.833    488.258                          20  25 JAN 31,1975
  14.867    488.281                          20  27 JAN 31,1975
  14.900    488.246                          20  29 JAN 31,1975
  14.933    488.235                          20  31 JAN 31,1975
  14.967    488.269                          20  33 JAN 31,1975
  15.000    488.269                          20  35 JAN 31,1975
  15.033    488.258                          20  37 JAN 31,1975
  15.067    488.281                          20  39 JAN 31,1975
  15.100    488.281                          20  41 JAN 31,1975
  15.133    488.269                          20  43 JAN 31,1975
  15.167    488.281                          20  45 JAN 31,1975
  15.200    488.269                          20  47 JAN 31,1975
  15.233    488.281                          20  49 JAN 31,1975
  15.267    488.269                          20  51 JAN 31,1975
  15.300    488.281                          20  53 JAN 31,1975
  15.333    488.189                          20  55 JAN 31,1975
  15.367    488.292                          20  57 JAN 31,1975
  15.400    488.292                          20  59 JAN 31,1975
  15.433    488.281                          21  01 JAN 31,1975
  15.467    488.281                          21  03 JAN 31,1975
  15.500    488.304                          21  05 JAN 31,1975
  15.533    488.281                          21  07 JAN 31,1975
  15.567    488.292                          21  09 JAN 31,1975
  15.600    488.281                          21  11 JAN 31,1975
  15.633    488.269                          21  13 JAN 31,1975
  15.667    488.269                          21  15 JAN 31,1975
  15.700    488.258                          21  17 JAN 31,1975
  15.733    488.281                          21  19 JAN 31,1975
  15.767    488.269                          21  21 JAN 31,1975
  15.800    488.281                          21  23 JAN 31,1975
  15.833    488.281                          21  25 JAN 31,1975
  15.867    488.281                          21  27 JAN 31,1975
  15.900    488.281                          21  29 JAN 31,1975
  15.933    488.269                          21  31 JAN 31,1975
  15.967    488.281                          21  33 JAN 31,1975
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  JOB NUMBER                                                            DATE OF JOB
SEG-11226-7                                              JANUARY 31-FEBRUARY 2, 1975

GAUGE/UNIT NUMBER                                                       DATE OF RUN
140 MPT-6


                                  SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE                       TIME       DATE                 COMMENTS
   TIME       (PSI)                        HR MIN

  16.000     488.269                       21  35  JAN 31,1975
  16.033     488.258                       21  37  JAN 31,1975
  16.067     488.269                       21  39  JAN 31,1975
  16.100     488.259                       21  41  JAN 31,1975
  16.133     488.258                       21  43  JAN 31,1975
  16.167     488.281                       21  45  JAN 31,1975
  16.200     488.269                       21  47  JAN 31,1975
  16.233     488.269                       21  49  JAN 31,1975
  16.267     488.246                       21  51  JAN 31,1975
  16.300     488.246                       21  53  JAN 31,1975
  16.333     488.258                       21  55  JAN 31,1975
  16.367     488.246                       21  57  JAN 31,1975
  16.400     488.245                       21  59  JAN 31,1975
  16.433     488.269                       22  01  JAN 31,1975
  16.467     488.269                       22  03  JAN 31,1975
  16.500     488.189                       22  05  JAN 31,1975
  16.533     488.258                       22  07  JAN 31,1975
  16.567     488.269                       22  09  JAN 31,1975
  16.600     488.269                       22  11  JAN 31,1975
  16.633     488.269                       22  13  JAN 31,1975
  16.667     488.281                       22  15  JAN 31,1975
  16.700     488.154                       22  17  JAN 31,1975
  16.733     488.292                       22  19  JAN 31,1975
  16.766     488.281                       22  21  JAN 31,1975
  16.800     488.281                       22  23  JAN 31,1975
  16.833     488.269                       22  25  JAN 31,1975
  16.866     488.314                       22  27  JAN 31,1975
  16.900     488.281                       22  29  JAN 31,1975
  16.933     488.281                       22  31  JAN 31,1975
  16.966     488.281                       22  33  JAN 31,1975
  17.000     488.269                       22  35  JAN 31,1975
  17.033     488.269                       22  37  JAN 31,1975
  17.066     488.259                       22  39  JAN 31,1975
  17.100     488.269                       22  41  JAN 31,1975
  17.133     488.269                       22  43  JAN 31,1975
  17.166     488.258                       22  45  JAN 31,1975
  17.200     488.269                       22  47  JAN 31,1975
  17.233     488.258                       22  49  JAN 31,1975
  17.266     488.246                       22  51  JAN 31,1975
  17.300     488.281                       22  53  JAN 31,1975
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SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPI-A

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
17.333	488.281	22	55	JAN 31,1975	
17.366	488.258	22	57	JAN 31,1975	
17.400	488.258	22	59	JAN 31,1975	
17.433	488.258	23	01	JAN 31,1975	
17.466	488.246	23	03	JAN 31,1975	
17.500	488.258	23	05	JAN 31,1975	
17.533	488.258	23	07	JAN 31,1975	
17.566	488.281	23	09	JAN 31,1975	
17.600	488.258	23	11	JAN 31,1975	
17.633	488.281	23	13	JAN 31,1975	
17.666	488.210	23	15	JAN 31,1975	
17.700	488.269	23	17	JAN 31,1975	
17.733	488.269	23	19	JAN 31,1975	
17.766	488.269	23	21	JAN 31,1975	
17.800	488.258	23	23	JAN 31,1975	
17.833	488.258	23	25	JAN 31,1975	
17.866	488.258	23	27	JAN 31,1975	
17.900	488.223	23	29	JAN 31,1975	
17.933	488.281	23	31	JAN 31,1975	
17.966	488.258	23	33	JAN 31,1975	
18.000	488.246	23	35	JAN 31,1975	
18.033	488.281	23	37	JAN 31,1975	
18.066	488.281	23	39	JAN 31,1975	
18.100	488.269	23	41	JAN 31,1975	
18.133	488.258	23	43	JAN 31,1975	
18.166	488.258	23	45	JAN 31,1975	
18.200	488.258	23	47	JAN 31,1975	
18.233	488.258	23	49	JAN 31,1975	
18.266	488.258	23	51	JAN 31,1975	
18.300	488.269	23	53	JAN 31,1975	
18.333	488.281	23	55	JAN 31,1975	
18.366	488.281	23	57	JAN 31,1975	
18.400	488.246	23	59	JAN 31,1975	
18.433	488.246	00	01	FEB 01,1975	
18.466	488.246	00	03	FEB 01,1975	
18.500	488.246	00	05	FEB 01,1975	
18.533	488.258	00	07	FEB 01,1975	
18.566	488.258	00	09	FEB 01,1975	
18.600	488.269	00	11	FEB 01,1975	
18.633	488.281	00	13	FEB 01,1975	

JOB NUMBER
SPG-11228-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.666	488.258	00 15	FEB 01,1975	
18.700	488.256	00 17	FEB 01,1975	
18.733	488.258	00 19	FEB 01,1975	
18.766	488.258	00 21	FEB 01,1975	
18.800	488.212	00 23	FEB 01,1975	
18.833	488.246	00 25	FEB 01,1975	
18.866	488.235	00 27	FEB 01,1975	
18.900	488.246	00 29	FEB 01,1975	
18.933	488.200	00 31	FEB 01,1975	
18.966	488.269	00 33	FEB 01,1975	
19.000	488.269	00 35	FEB 01,1975	
19.033	488.269	00 37	FEB 01,1975	
19.066	488.256	00 39	FEB 01,1975	
19.100	488.269	00 41	FEB 01,1975	
19.133	488.258	00 43	FEB 01,1975	
19.166	488.281	00 45	FEB 01,1975	
19.200	488.258	00 47	FEB 01,1975	
19.233	488.281	00 49	FEB 01,1975	
19.266	488.258	00 51	FEB 01,1975	
19.300	488.258	00 53	FEB 01,1975	
19.333	488.177	00 55	FEB 01,1975	
19.366	488.246	00 57	FEB 01,1975	
19.400	488.246	00 59	FEB 01,1975	
19.433	488.177	01 01	FEB 01,1975	
19.466	488.200	01 03	FEB 01,1975	
19.500	488.256	01 05	FEB 01,1975	
19.533	488.292	01 07	FEB 01,1975	
19.566	488.258	01 09	FEB 01,1975	
19.600	488.256	01 11	FEB 01,1975	
19.633	488.246	01 13	FEB 01,1975	
19.666	488.258	01 15	FEB 01,1975	
19.700	488.258	01 17	FEB 01,1975	
19.733	488.235	01 19	FEB 01,1975	
19.766	488.269	01 21	FEB 01,1975	
19.800	488.269	01 23	FEB 01,1975	
19.833	488.223	01 25	FEB 01,1975	
19.866	488.246	01 27	FEB 01,1975	
19.900	488.246	01 29	FEB 01,1975	
19.933	488.246	01 31	FEB 01,1975	
19.966	488.166	01 33	FEB 01,1975	

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JOB NUMBER                                                   DATE OF JOB
SPG-11228-7                                  JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                             DATE OF RUN
140 MPT-8

                             SPERRY-SUN
          PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA    PRESSURE              TIME      DATE              COMMENTS
  TIME      (PSI)               HR MIN

 20.000    488.269              01  35 FEB 01,1975
 20.033    488.259              01  37 FEB 01,1975
 20.066    488.269              01  39 FEB 01,1975
 20.100    488.258              01  41 FEB 01,1975
 20.133    488.258              01  43 FEB 01,1975
 20.166    488.235              01  45 FEB 01,1975
 20.200    488.269              01  47 FEB 01,1975
 20.233    488.246              01  49 FEB 01,1975
 20.266    488.258              01  51 FEB 01,1975
 20.300    488.269              01  53 FEB 01,1975
 20.333    488.259              01  55 FEB 01,1975
 20.366    488.109              01  57 FEB 01,1975
 20.400    488.269              01  59 FEB 01,1975
 20.433    488.259              02  01 FEB 01,1975
 20.466    488.246              02  03 FEB 01,1975
 20.500    488.281              02  05 FEB 01,1975
 20.533    488.259              02  07 FEB 01,1975
 20.566    488.269              02  09 FEB 01,1975
 20.600    488.304              02  11 FEB 01,1975
 20.633    488.304              02  13 FEB 01,1975
 20.666    488.259              02  15 FEB 01,1975
 20.700    488.269              02  17 FEB 01,1975
 20.733    488.292              02  19 FEB 01,1975
 20.766    488.292              02  21 FEB 01,1975
 20.800    488.292              02  23 FEB 01,1975
 20.833    488.292              02  25 FEB 01,1975
 20.866    488.259              02  27 FEB 01,1975
 20.900    488.269              02  29 FEB 01,1975
 20.933    488.269              02  31 FEB 01,1975
 20.966    488.212              02  33 FEB 01,1975
 21.000    488.281              02  35 FEB 01,1975
 21.033    488.281              02  37 FEB 01,1975
 21.066    488.269              02  39 FEB 01,1975
 21.100    488.281              02  41 FEB 01,1975
 21.133    488.281              02  43 FEB 01,1975
 21.166    488.259              02  45 FEB 01,1975
 21.200    488.269              02  47 FEB 01,1975
 21.233    488.269              02  49 FEB 01,1975
 21.266    488.269              02  51 FEB 01,1975
 21.300    488.258              02  53 FEB 01,1975
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JOB NUMBER
SPG-11225-7                                                          DATE OF JOB
                                                   JANUARY 31-FEBRUARY 2, 1975
GAUGE/CLOCK NUMBER
140 MPT-                                                             DATE OF RUN


                              SPERRY-SUN
               PRECISION SUBSURFACE PRESSURE GAUGE REPORT


    DELTA     PRESSURE
    TIME       (PSI)                    TIME      DATE                  COMMENTS
                                       HR MIN

   21.333     488.246
   21.366     488.292                   02  55 FEB 01,1975
   21.400     488.281                   02  57 FEB 01,1975
   21.433     488.281                   02  59 FEB 01,1975
   21.466     488.269                   03  01 FEB 01,1975
   21.500     488.258                   03  03 FEB 01,1975
   21.533     488.281                   03  05 FEB 01,1975
   21.566     488.292                   03  07 FEB 01,1975
   21.600     488.246                   03  09 FEB 01,1975
   21.633     488.258                   03  11 FEB 01,1975
   21.666     488.258                   03  13 FEB 01,1975
   21.700     488.281                   03  15 FEB 01,1975
   21.733     488.292                   03  17 FEB 01,1975
   21.766     488.258                   03  19 FEB 01,1975
   21.800     488.235                   03  21 FEB 01,1975
   21.833     488.246                   03  23 FEB 01,1975
   21.866     488.235                   03  25 FEB 01,1975
   21.900     488.269                   03  27 FEB 01,1975
   21.933     488.258                   03  29 FEB 01,1975
   21.966     488.258                   03  31 FEB 01,1975
   22.000     488.258                   03  33 FEB 01,1975
   22.033     488.258                   03  35 FEB 01,1975
   22.066     488.269                   03  37 FEB 01,1975
   22.100     488.269                   03  39 FEB 01,1975
   22.133     488.246                   03  41 FEB 01,1975
   22.166     488.246                   03  43 FEB 01,1975
   22.200     488.246                   03  45 FEB 01,1975
   22.233     488.246                   03  47 FEB 01,1975
   22.266     488.258                   03  49 FEB 01,1975
   22.300     488.246                   03  51 FEB 01,1975
   22.333     488.281                   03  53 FEB 01,1975
   22.366     488.258                   03  55 FEB 01,1975
   22.400     488.258                   03  57 FEB 01,1975
   22.433     488.269                   03  59 FEB 01,1975
   22.466     488.269                   04  01 FEB 01,1975
   22.500     488.269                   04  03 FEB 01,1975
   22.533     488.269                   04  05 FEB 01,1975
   22.566     488.269                   04  07 FEB 01,1975
   22.600     488.269                   04  09 FEB 01,1975
   22.633     488.258                   04  11 FEB 01,1975
                                        04  13 FEB 01,1975
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SCG-11225-7                                                        DATE OF JOB
                                                   JANUARY 31-FEBRUARY 2, 1975
GAUGE/RUN NUMBER
140 MPT-8                                                          DATE OF RUN


                              SPERRY-SUN
          PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA    PRESSURE               TIME      DATE              COMMENTS
  TIME      (PSI)                HR MIN

 22.666    488.246                04  15 FEB 01,1975
 22.700    488.281                04  17 FEB 01,1975
 22.733    488.281                04  19 FEB 01,1975
 22.766    488.269                04  21 FEB 01,1975
 22.800    488.258                04  23 FEB 01,1975
 22.833    488.292                04  25 FEB 01,1975
 22.866    488.269                04  27 FEB 01,1975
 22.900    488.281                04  29 FEB 01,1975
 22.933    488.281                04  31 FEB 01,1975
 22.966    488.281                04  33 FEB 01,1975
 23.000    488.281                04  35 FEB 01,1975
 23.033    488.269                04  37 FEB 01,1975
 23.066    488.269                04  39 FEB 01,1975
 23.100    488.258                04  41 FEB 01,1975
 23.133    488.258                04  43 FEB 01,1975
 23.166    488.281                04  45 FEB 01,1975
 23.200    488.258                04  47 FEB 01,1975
 23.233    488.281                04  49 FEB 01,1975
 23.266    488.269                04  51 FEB 01,1975
 23.300    488.246                04  53 FEB 01,1975
 23.333    488.269                04  55 FEB 01,1975
 23.366    488.258                04  57 FEB 01,1975
 23.400    488.292                04  59 FEB 01,1975
 23.433    488.212                05  01 FEB 01,1975
 23.466    488.258                05  03 FEB 01,1975
 23.500    488.235                05  05 FEB 01,1975
 23.533    488.292                05  07 FEB 01,1975
 23.566    488.292                05  09 FEB 01,1975
 23.600    488.281                05  11 FEB 01,1975
 23.633    488.281                05  13 FEB 01,1975
 23.666    488.269                05  15 FEB 01,1975
 23.700    488.212                05  17 FEB 01,1975
 23.733    488.258                05  19 FEB 01,1975
 23.766    488.246                05  21 FEB 01,1975
 23.800    488.281                05  23 FEB 01,1975
 23.833    488.281                05  25 FEB 01,1975
 23.866    488.269                05  27 FEB 01,1975
 23.900    488.269                05  29 FEB 01,1975
 23.933    488.258                05  31 FEB 01,1975
 23.966    488.269                05  33 FEB 01,1975
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FILE NUMBER
SPG-1122H-                                                           DATE OF JOB
                                                   JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-K                                                            DATE OF RUN


                                 SPERRY-SUN
                  PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE
   TIME       (PSI)                   TIME       DATE                   COMMENTS
                                     HR MIN

  24.000     488.258                  05  35 FEB 01,1975
  24.033     488.269                  05  37 FEB 01,1975
  24.066     488.304                  05  39 FEB 01,1975
  24.100     488.304                  05  41 FEB 01,1975
  24.133     488.292                  05  43 FEB 01,1975
  24.166     488.292                  05  45 FEB 01,1975
  24.200     488.258                  05  47 FEB 01,1975
  24.233     488.304                  05  49 FEB 01,1975
  24.266     488.281                  05  51 FEB 01,1975
  24.300     488.281                  05  53 FEB 01,1975
  24.333     488.258                  05  55 FEB 01,1975
  24.366     488.292                  05  57 FEB 01,1975
  24.400     488.292                  05  59 FEB 01,1975
  24.433     488.292                  06  01 FEB 01,1975
  24.466     488.292                  06  03 FEB 01,1975
  24.500     488.235                  06  05 FEB 01,1975
  24.533     488.304                  06  07 FEB 01,1975
  24.566     488.304                  06  09 FEB 01,1975
  24.600     488.304                  06  09 FEB 01,1975     END JETTING
  24.633     488.304                  06  11 FEB 01,1975     START RECOVERY
  24.666     488.304                  06  13 FEB 01,1975
  24.700     488.292                  06  15 FEB 01,1975
  24.733     488.304                  06  17 FEB 01,1975
  24.766     488.281                  06  19 FEB 01,1975
  24.800     488.281                  06  21 FEB 01,1975
  24.833     488.304                  06  23 FEB 01,1975
  24.866     488.281                  06  25 FEB 01,1975
  24.900     488.281                  06  27 FEB 01,1975
  24.933     488.304                  06  29 FEB 01,1975
  24.966     488.281                  06  31 FEB 01,1975
  25.000     488.292                  06  33 FEB 01,1975
  25.033     488.269                  06  35 FEB 01,1975
  25.066     488.246                  06  37 FEB 01,1975
  25.100     488.292                  06  39 FEB 01,1975
  25.133     488.292                  06  41 FEB 01,1975
  25.166     488.281                  06  43 FEB 01,1975
  25.200     488.281                  06  45 FEB 01,1975
  25.233     488.304                  06  47 FEB 01,1975
  25.266     488.304                  06  49 FEB 01,1975
  25.300     488.281                  06  51 FEB 01,1975
                                      06  53 FEB 01,1975
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JOB NUMBER                                                    DATE OF JOB
SPG-1122[illegible]                          JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                              DATE OF RUN
140 MPT-[illegible]


                               SPERRY-SUN
              PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE              TIME      DATE              COMMENTS
   TIME       (PSI)               HR MIN

  25.333     488.292              06  55 FEB 01,1975
  25.366     488.281              06  57 FEB 01,1975
  25.400     488.292              06  59 FEB 01,1975
  25.433     488.292              07  01 FEB 01,1975
  25.466     488.304              07  03 FEB 01,1975
  25.500     488.304              07  05 FEB 01,1975
  25.533     488.281              07  07 FEB 01,1975
  25.566     488.315              07  09 FEB 01,1975
  25.600     488.292              07  11 FEB 01,1975
  25.633     488.292              07  13 FEB 01,1975
  25.666     488.292              07  15 FEB 01,1975
  25.700     488.292              07  17 FEB 01,1975
  25.733     488.304              07  19 FEB 01,1975
  25.766     488.327              07  21 FEB 01,1975
  25.800     488.223              07  23 FEB 01,1975
  25.833     488.327              07  25 FEB 01,1975
  25.866     488.350              07  27 FEB 01,1975
  25.900     488.338              07  29 FEB 01,1975
  25.933     488.350              07  31 FEB 01,1975
  25.966     488.315              07  33 FEB 01,1975
  26.000     488.327              07  35 FEB 01,1975
  26.033     488.327              07  37 FEB 01,1975
  26.066     488.327              07  39 FEB 01,1975
  26.100     488.292              07  41 FEB 01,1975
  26.133     488.338              07  43 FEB 01,1975
  26.166     488.338              07  45 FEB 01,1975
  26.200     488.315              07  47 FEB 01,1975
  26.233     488.315              07  49 FEB 01,1975
  26.266     488.304              07  51 FEB 01,1975
  26.300     488.338              07  53 FEB 01,1975
  26.333     488.327              07  55 FEB 01,1975
  26.366     488.338              07  57 FEB 01,1975
  26.400     488.350              07  59 FEB 01,1975
  26.433     488.338              08  01 FEB 01,1975
  26.466     488.350              08  03 FEB 01,1975
  26.500     488.350              08  05 FEB 01,1975
  26.533     488.281              08  07 FEB 01,1975
  26.566     488.327              08  09 FEB 01,1975
  26.600     488.338              08  11 FEB 01,1975
  26.633     488.327              08  13 FEB 01,1975
```

JOB NUMBER
SPG-11228-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-8

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
26.666	488.231	08 15	FEB 01.1975	
26.700	488.350	08 17	FEB 01.1975	
26.733	488.350	08 19	FEB 01.1975	
26.766	488.350	08 21	FEB 01.1975	
26.800	488.350	08 23	FEB 01.1975	
26.833	488.361	08 25	FEB 01.1975	
26.866	488.361	08 27	FEB 01.1975	
26.900	488.361	08 29	FEB 01.1975	
26.933	488.258	08 31	FEB 01.1975	
26.966	488.373	08 33	FEB 01.1975	
27.000	488.373	08 35	FEB 01.1975	
27.033	488.361	08 37	FEB 01.1975	
27.066	488.361	08 39	FEB 01.1975	
27.100	488.373	08 41	FEB 01.1975	
27.133	488.373	08 43	FEB 01.1975	
27.166	488.407	08 45	FEB 01.1975	
27.200	488.327	08 47	FEB 01.1975	
27.233	488.384	08 49	FEB 01.1975	
27.266	488.384	08 51	FEB 01.1975	
27.300	488.373	08 53	FEB 01.1975	
27.333	488.384	08 55	FEB 01.1975	
27.366	488.384	08 57	FEB 01.1975	
27.400	488.396	08 59	FEB 01.1975	
27.433	488.373	09 01	FEB 01.1975	
27.466	488.407	09 03	FEB 01.1975	
27.500	488.396	09 05	FEB 01.1975	
27.533	488.384	09 07	FEB 01.1975	
27.566	488.3[illegible]	09 09	FEB 01.1975	
27.600	488.384	09 11	FEB 01.1975	
27.633	488.384	09 13	FEB 01.1975	
27.666	488.361	09 15	FEB 01.1975	
27.700	488.396	09 17	FEB 01.1975	
27.733	488.396	09 19	FEB 01.1975	
27.766	488.396	09 21	FEB 01.1975	
27.800	488.376	09 23	FEB 01.1975	
27.833	488.407	09 25	FEB 01.1975	
27.866	488.396	09 27	FEB 01.1975	
27.900	488.407	09 29	FEB 01.1975	
27.933	488.415	09 31	FEB 01.1975	
27.966	488.419	09 33	FEB 01.1975	

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SPG-11225-7                                                          DATE OF JOB
                                                     JANUARY 31-FEBRUARY 2, 1975
GAUGE/RUN NUMBER
140 MPI-8                                                            DATE OF RUN

                                SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA    PRESSURE              TIME       DATE                    COMMENTS
  TIME      (PSI)               HR MIN

 28.000    488.419               09   35 FEB 01,1975
 28.033    488.419               09   37 FEB 01,1975
 28.066    488.407               09   39 FEB 01,1975
 28.100    488.407               09   41 FEB 01,1975
 28.133    488.419               09   43 FEB 01,1975
 28.166    488.419               09   45 FEB 01,1975
 28.200    488.419               09   47 FEB 01,1975
 28.233    488.419               09   49 FEB 01,1975
 28.266    488.430               09   51 FEB 01,1975
 28.300    488.430               09   53 FEB 01,1975
 28.333    488.407               09   55 FEB 01,1975
 28.366    488.430               09   57 FEB 01,1975
 28.400    488.407               09   59 FEB 01,1975
 28.433    488.430               10   01 FEB 01,1975
 28.466    488.430               10   03 FEB 01,1975
 28.500    488.430               10   05 FEB 01,1975
 28.533    488.430               10   07 FEB 01,1975
 28.566    488.453               10   09 FEB 01,1975
 28.600    488.453               10   11 FEB 01,1975
 28.633    488.430               10   13 FEB 01,1975
 28.666    488.430               10   15 FEB 01,1975
 28.700    488.442               10   17 FEB 01,1975
 28.733    488.419               10   19 FEB 01,1975
 28.766    488.430               10   21 FEB 01,1975
 28.800    488.430               10   23 FEB 01,1975
 28.833    488.430               10   25 FEB 01,1975
 28.866    488.442               10   27 FEB 01,1975
 28.900    488.430               10   29 FEB 01,1975
 28.933    488.442               10   31 FEB 01,1975
 28.966    488.442               10   33 FEB 01,1975
 29.000    488.465               10   35 FEB 01,1975
 29.033    488.442               10   37 FEB 01,1975
 29.066    488.442               10   39 FEB 01,1975
 29.100    488.407               10   41 FEB 01,1975
 29.133    488.430               10   43 FEB 01,1975
 29.166    488.430               10   45 FEB 01,1975
 29.200    488.430               10   47 FEB 01,1975
 29.233    488.453               10   49 FEB 01,1975
 29.266    488.442               10   51 FEB 01,1975
 29.300    488.442               10   53 FEB 01,1975

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SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-3

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
29.333	488.465	10 55	FEB 01,1975	
29.366	488.442	10 57	FEB 01,1975	
29.400	488.442	10 59	FEB 01,1975	
29.433	488.442	11 01	FEB 01,1975	
29.466	488.453	11 03	FEB 01,1975	
29.500	488.453	11 05	FEB 01,1975	
29.533	488.465	11 07	FEB 01,1975	
29.566	488.465	11 09	FEB 01,1975	
29.600	488.465	11 11	FEB 01,1975	
29.633	488.442	11 13	FEB 01,1975	
29.666	488.453	11 15	FEB 01,1975	
29.700	488.453	11 17	FEB 01,1975	
29.733	488.476	11 19	FEB 01,1975	
29.766	488.476	11 21	FEB 01,1975	
29.800	488.476	11 23	FEB 01,1975	
29.833	488.476	11 25	FEB 01,1975	
29.866	488.488	11 27	FEB 01,1975	
29.900	488.488	11 29	FEB 01,1975	
29.933	488.488	11 31	FEB 01,1975	
29.966	488.488	11 33	FEB 01,1975	
30.000	488.488	11 35	FEB 01,1975	
30.033	488.476	11 37	FEB 01,1975	
30.066	488.476	11 39	FEB 01,1975	
30.100	488.476	11 41	FEB 01,1975	
30.133	488.465	11 43	FEB 01,1975	
30.166	488.499	11 45	FEB 01,1975	
30.200	488.499	11 47	FEB 01,1975	
30.233	488.499	11 49	FEB 01,1975	
30.266	488.511	11 51	FEB 01,1975	
30.300	488.499	11 53	FEB 01,1975	
30.333	488.499	11 55	FEB 01,1975	
30.366	488.511	11 57	FEB 01,1975	
30.400	488.499	11 59	FEB 01,1975	
30.433	488.465	12 01	FEB 01,1975	
30.466	488.511	12 03	FEB 01,1975	
30.500	488.476	12 05	FEB 01,1975	
30.533	488.511	12 07	FEB 01,1975	
30.566	488.488	12 09	FEB 01,1975	
30.600	488.499	12 11	FEB 01,1975	
30.633	488.499	12 13	FEB 01,1975	

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[illegible]                                                        DATE OF JOB
[illegible]-1122-[illegible]                         ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN   UPPER
[illegible]                                                        DATE OF RUN


                              SPERRY-SUN
            PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE                TIME      DATE                 COMMENTS
   TIME       (PSI)                 HR MIN

  30.666     488.511                12  15 FEB 01,1975
  30.700     488.511                12  17 FEB 01,1975
  30.733     488.499                12  19 FEB 01,1975
  30.766     488.511                12  21 FEB 01,1975
  30.800     488.522                12  23 FEB 01,1975
  30.833     488.511                12  25 FEB 01,1975
  30.866     488.522                12  27 FEB 01,1975
  30.900     488.522                12  29 FEB 01,1975
  30.933     488.522                12  31 FEB 01,1975
  30.966     488.522                12  33 FEB 01,1975
  31.000     488.522                12  35 FEB 01,1975
  31.033     488.511                12  37 FEB 01,1975
  31.066     488.522                12  39 FEB 01,1975
  31.100     488.522                12  41 FEB 01,1975
  31.133     488.522                12  43 FEB 01,1975
  31.166     488.534                12  45 FEB 01,1975
  31.200     488.534                12  47 FEB 01,1975
  31.233     488.534                12  49 FEB 01,1975
  31.266     488.522                12  51 FEB 01,1975
  31.300     488.522                12  53 FEB 01,1975
  31.333     488.534                12  55 FEB 01,1975
  31.366     488.534                12  57 FEB 01,1975
  31.400     488.511                12  59 FEB 01,1975
  31.433     488.534                13  01 FEB 01,1975
  31.466     488.545                13  03 FEB 01,1975
  31.500     488.522                13  05 FEB 01,1975
  31.533     488.511                13  07 FEB 01,1975
  31.566     488.522                13  09 FEB 01,1975
  31.600     488.522                13  11 FEB 01,1975
  31.633     488.465                13  13 FEB 01,1975
  31.666     488.522                13  15 FEB 01,1975
  31.700     488.511                13  17 FEB 01,1975
  31.733     488.522                13  19 FEB 01,1975
  31.766     488.522                13  21 FEB 01,1975
  31.800     488.522                13  23 FEB 01,1975
  31.833     488.511                13  25 FEB 01,1975
  31.866     488.499                13  27 FEB 01,1975
  31.900     488.534                13  29 FEB 01,1975
  31.933     488.557                13  31 FEB 01,1975
  31.966     488.545                13  33 FEB 01,1975
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JOB NUMBER
SPG-11225-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-3

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.000	488.476	13 35	FEB 01,1975	
32.033	488.534	13 37	FEB 01,1975	
32.066	488.534	13 39	FEB 01,1975	
32.100	488.534	13 41	FEB 01,1975	
32.133	488.545	13 43	FEB 01,1975	
32.166	488.545	13 45	FEB 01,1975	
32.200	488.568	13 47	FEB 01,1975	
32.233	488.568	13 49	FEB 01,1975	
32.266	488.545	13 51	FEB 01,1975	
32.300	488.568	13 53	FEB 01,1975	
32.333	488.557	13 55	FEB 01,1975	
32.366	488.534	13 57	FEB 01,1975	
32.400	488.534	13 59	FEB 01,1975	
32.433	488.545	14 01	FEB 01,1975	
32.466	488.545	14 03	FEB 01,1975	
32.500	488.545	14 05	FEB 01,1975	
32.533	488.557	14 07	FEB 01,1975	
32.566	488.557	14 09	FEB 01,1975	
32.600	488.534	14 11	FEB 01,1975	
32.633	488.545	14 13	FEB 01,1975	
32.666	488.545	14 15	FEB 01,1975	
32.700	488.557	14 17	FEB 01,1975	
32.733	488.534	14 19	FEB 01,1975	
32.766	488.568	14 21	FEB 01,1975	
32.800	488.545	14 23	FEB 01,1975	
32.833	488.545	14 25	FEB 01,1975	
32.866	488.511	14 27	FEB 01,1975	
32.900	488.568	14 29	FEB 01,1975	
32.933	488.580	14 31	FEB 01,1975	
32.966	488.557	14 33	FEB 01,1975	
33.000	488.557	14 35	FEB 01,1975	
33.033	488.545	14 37	FEB 01,1975	
33.066	488.545	14 39	FEB 01,1975	
33.100	488.545	14 41	FEB 01,1975	
33.133	488.534	14 43	FEB 01,1975	
33.166	488.534	14 45	FEB 01,1975	
33.200	488.534	14 47	FEB 01,1975	
33.233	488.557	14 49	FEB 01,1975	
33.266	488.522	14 51	FEB 01,1975	
33.300	488.557	14 53	FEB 01,1975	

JOB NUMBER
SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 PPI-6

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.333	488.476	14 55	FEB 01,1975	
33.366	488.557	14 57	FEB 01,1975	
33.400	488.557	14 59	FEB 01,1975	
33.433	488.557	15 01	FEB 01,1975	
33.466	488.488	15 03	FEB 01,1975	
33.500	488.557	15 05	FEB 01,1975	
33.533	488.557	15 07	FEB 01,1975	
33.566	488.568	15 09	FEB 01,1975	
33.600	488.568	15 11	FEB 01,1975	
33.633	488.568	15 13	FEB 01,1975	
33.666	488.568	15 15	FEB 01,1975	
33.700	488.580	15 17	FEB 01,1975	
33.733	488.580	15 19	FEB 01,1975	
33.766	488.580	15 21	FEB 01,1975	
33.800	488.580	15 23	FEB 01,1975	
33.833	488.580	15 25	FEB 01,1975	
33.866	488.580	15 27	FEB 01,1975	
33.900	488.568	15 29	FEB 01,1975	
33.933	488.603	15 31	FEB 01,1975	
33.966	488.580	15 33	FEB 01,1975	
34.000	488.591	15 35	FEB 01,1975	
34.033	488.591	15 37	FEB 01,1975	
34.066	488.603	15 39	FEB 01,1975	
34.100	488.603	15 41	FEB 01,1975	
34.133	488.603	15 43	FEB 01,1975	
34.166	488.603	15 45	FEB 01,1975	
34.200	488.511	15 47	FEB 01,1975	
34.233	488.591	15 49	FEB 01,1975	
34.266	488.591	15 51	FEB 01,1975	
34.300	488.603	15 53	FEB 01,1975	
34.333	488.603	15 55	FEB 01,1975	
34.366	488.603	15 57	FEB 01,1975	
34.400	488.603	15 59	FEB 01,1975	
34.433	488.591	16 01	FEB 01,1975	
34.466	488.568	16 03	FEB 01,1975	
34.500	488.603	16 05	FEB 01,1975	
34.533	488.603	16 07	FEB 01,1975	
34.566	488.626	16 09	FEB 01,1975	
34.600	488.626	16 11	FEB 01,1975	
34.633	488.603	16 13	FEB 01,1975	

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JOB NUMBER:                                                     DATE OF JOB
SPG-1122--7                                     JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 MPT-3                                                       DATE OF RUN


                          SPERRY-SUN
          PRECISION SUBSURFACE PRESSURE GAUGE REPORT

   DELTA     PRESSURE               TIME       DATE              COMMENTS
   TIME       (PSI)                HR MIN

  34.666     488.603               16  15 FEB 01,1975
  34.700     488.614               16  17 FEB 01,1975
  34.733     488.614               16  19 FEB 01,1975
  34.766     488.626               16  21 FEB 01,1975
  34.800     488.603               16  23 FEB 01,1975
  34.833     488.603               16  25 FEB 01,1975
  34.866     488.614               16  27 FEB 01,1975
  34.900     488.614               16  29 FEB 01,1975
  34.933     488.603               16  31 FEB 01,1975
  34.966     488.626               16  33 FEB 01,1975
  35.000     488.603               16  35 FEB 01,1975
  35.033     488.603               16  37 FEB 01,1975
  35.066     488.614               16  39 FEB 01,1975
  35.100     488.603               16  41 FEB 01,1975
  35.133     488.614               16  43 FEB 01,1975
  35.166     488.614               16  45 FEB 01,1975
  35.200     488.626               16  47 FEB 01,1975
  35.233     488.614               16  49 FEB 01,1975
  35.266     488.614               16  51 FEB 01,1975
  35.300     488.626               16  53 FEB 01,1975
  35.333     488.626               16  55 FEB 01,1975
  35.366     488.626               16  57 FEB 01,1975
  35.400     488.626               16  59 FEB 01,1975
  35.433     488.591               17  01 FEB 01,1975
  35.466     488.626               17  03 FEB 01,1975
  35.500     488.522               17  05 FEB 01,1975
  35.533     488.626               17  07 FEB 01,1975
  35.566     488.519               17  09 FEB 01,1975
  35.600     488.626               17  11 FEB 01,1975
  35.633     488.545               17  13 FEB 01,1975
  35.666     488.637               17  15 FEB 01,1975
  35.700     488.626               17  17 FEB 01,1975
  35.733     488.626               17  19 FEB 01,1975
  35.766     488.626               17  21 FEB 01,1975
  35.800     488.626               17  23 FEB 01,1975
  35.833     488.626               17  25 FEB 01,1975
  35.866     488.637               17  27 FEB 01,1975
  35.900     488.637               17  29 FEB 01,1975
  35.933     488.637               17  31 FEB 01,1975
  35.966     488.626               17  33 FEB 01,1975
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JOB NUMBER                                                                    DATE OF JOB
SPG-11228-7                                                     JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                              DATE OF RUN
140 RPT-6

                                   SPERRY-SUN
                     PRECISION SUBSURFACE PRESSURE GAUGE REPORT


    DELTA     PRESSURE                          TIME       DATE                   COMMENTS
     TIME      (PSI)                           HR MIN

   36.000     488.637                          17   35 FEB 01,1975
   36.033     488.637                          17   37 FEB 01,1975
   36.066     488.614                          17   39 FEB 01,1975
   36.100     488.637                          17   41 FEB 01,1975
   36.133     488.637                          17   43 FEB 01,1975
   36.166     488.637                          17   45 FEB 01,1975
   36.200     488.637                          17   47 FEB 01,1975
   36.233     488.637                          17   49 FEB 01,1975
   36.266     488.637                          17   51 FEB 01,1975
   36.300     488.649                          17   53 FEB 01,1975
   36.333     488.637                          17   55 FEB 01,1975
   36.366     488.649                          17   57 FEB 01,1975
   36.400     488.649                          17   59 FEB 01,1975
   36.433     488.661                          18   01 FEB 01,1975
   36.466     488.661                          18   03 FEB 01,1975
   36.500     488.637                          18   05 FEB 01,1975
   36.533     488.649                          18   07 FEB 01,1975
   36.566     488.661                          18   09 FEB 01,1975
   36.600     488.661                          18   11 FEB 01,1975
   36.633     488.649                          18   13 FEB 01,1975
   36.666     488.649                          18   15 FEB 01,1975
   36.700     488.637                          18   17 FEB 01,1975
   36.733     488.649                          18   19 FEB 01,1975
   36.766     488.649                          18   21 FEB 01,1975
   36.800     488.684                          18   23 FEB 01,1975
   36.833     488.695                          18   25 FEB 01,1975
   36.866     488.695                          18   27 FEB 01,1975
   36.900     488.684                          18   29 FEB 01,1975
   36.933     488.672                          18   31 FEB 01,1975
   36.966     488.684                          18   33 FEB 01,1975
   37.000     488.684                          18   35 FEB 01,1975
   37.033     488.684                          18   37 FEB 01,1975
   37.066     488.684                          18   39 FEB 01,1975
   37.100     488.684                          18   41 FEB 01,1975
   37.133     488.684                          18   43 FEB 01,1975
   37.166     488.661                          18   45 FEB 01,1975
   37.200     488.661                          18   47 FEB 01,1975
   37.233     488.672                          18   49 FEB 01,1975
   37.266     488.672                          18   51 FEB 01,1975
   37.300     488.684                          18   53 FEB 01,1975
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JOB NUMBER                                                          DATE OF JOB
SPG-11228-7                                          JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER                                                    DATE OF RUN
140 MET-[illegible]


                                  SPERRY-SUN
                  PRECISION SUBSURFACE PRESSURE GAUGE REPORT


     DELTA     PRESSURE                      TIME      DATE                 COMMENTS
     TIME       (PSI)                       HR MIN

    37.333     488.672                      18  55 FEB 01,1975
    37.366     488.637                      18  57 FEB 01,1975
    37.400     488.672                      18  59 FEB 01,1975
    37.433     488.684                      19  01 FEB 01,1975
    37.466     488.684                      19  03 FEB 01,1975
    37.500     488.672                      19  05 FEB 01,1975
    37.533     488.672                      19  07 FEB 01,1975
    37.566     488.672                      19  09 FEB 01,1975
    37.600     488.695                      19  11 FEB 01,1975
    37.633     488.695                      19  13 FEB 01,1975
    37.666     488.684                      19  15 FEB 01,1975
    37.700     488.707                      19  17 FEB 01,1975
    37.733     488.626                      19  19 FEB 01,1975
    37.766     488.695                      19  21 FEB 01,1975
    37.800     488.684                      19  23 FEB 01,1975
    37.833     488.684                      19  25 FEB 01,1975
    37.866     488.684                      19  27 FEB 01,1975
    37.900     488.707                      19  29 FEB 01,1975
    37.933     488.695                      19  31 FEB 01,1975
    37.966     488.695                      19  33 FEB 01,1975
    38.000     488.672                      19  35 FEB 01,1975
    38.033     488.707                      19  37 FEB 01,1975
    38.066     488.718                      19  39 FEB 01,1975
    38.100     488.718                      19  41 FEB 01,1975
    38.133     488.718                      19  43 FEB 01,1975
    38.166     488.695                      19  45 FEB 01,1975
    38.200     488.695                      19  47 FEB 01,1975
    38.233     488.695                      19  49 FEB 01,1975
    38.266     488.684                      19  51 FEB 01,1975
    38.300     488.707                      19  53 FEB 01,1975
    38.333     488.707                      19  55 FEB 01,1975
    38.366     488.707                      19  57 FEB 01,1975
    38.400     488.730                      19  59 FEB 01,1975
    38.433     488.707                      20  01 FEB 01,1975
    38.466     488.672                      20  03 FEB 01,1975
    38.500     488.730                      20  05 FEB 01,1975
    38.533     488.730                      20  07 FEB 01,1975
    38.566     488.730                      20  09 FEB 01,1975
    38.600     488.718                      20  11 FEB 01,1975
    38.633     488.753                      20  13 FEB 01,1975
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JOB NUMBER                                                              DATE OF JOB
SPG-11224-7                                          JANUARY 31-FEBRUARY 2, 1975

GAUGE/REC. NUMBER                                                       DATE OF RUN
140 SP1-3

                                   SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE                       TIME       DATE               COMMENTS
   TIME      (PSI)                         HR MIN

  38.666     488.741                       20   15 FEB 01,1975
  38.700     488.741                       20   17 FEB 01,1975
  38.733     488.741                       20   19 FEB 01,1975
  38.766     488.730                       20   21 FEB 01,1975
  38.800     488.707                       20   23 FEB 01,1975
  38.833     488.730                       20   25 FEB 01,1975
  38.866     488.718                       20   27 FEB 01,1975
  38.900     488.672                       20   29 FEB 01,1975
  38.933     488.741                       20   31 FEB 01,1975
  38.966     488.695                       20   33 FEB 01,1975
  39.000     488.730                       20   35 FEB 01,1975
  39.033     488.730                       20   37 FEB 01,1975
  39.066     488.730                       20   39 FEB 01,1975
  39.100     488.730                       20   41 FEB 01,1975
  39.133     488.684                       20   43 FEB 01,1975
  39.166     488.707                       20   45 FEB 01,1975
  39.200     488.718                       20   47 FEB 01,1975
  39.233     488.672                       20   49 FEB 01,1975
  39.266     488.730                       20   51 FEB 01,1975
  39.300     488.730                       20   53 FEB 01,1975
  39.333     488.730                       20   55 FEB 01,1975
  39.366     488.707                       20   57 FEB 01,1975
  39.400     488.730                       20   59 FEB 01,1975
  39.433     488.730                       21   01 FEB 01,1975
  39.466     488.741                       21   03 FEB 01,1975
  39.500     488.753                       21   05 FEB 01,1975
  39.533     488.730                       21   07 FEB 01,1975
  39.566     488.764                       21   09 FEB 01,1975
  39.600     488.741                       21   11 FEB 01,1975
  39.633     488.741                       21   13 FEB 01,1975
  39.666     488.741                       21   15 FEB 01,1975
  39.700     488.753                       21   17 FEB 01,1975
  39.733     488.741                       21   19 FEB 01,1975
  39.766     488.753                       21   21 FEB 01,1975
  39.800     488.730                       21   23 FEB 01,1975
  39.833     488.753                       21   25 FEB 01,1975
  39.866     488.753                       21   27 FEB 01,1975
  39.900     488.707                       21   29 FEB 01,1975
  39.933     488.730                       21   31 FEB 01,1975
  39.966     488.741                       21   33 FEB 01,1975
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JOB NUMBER
SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 HPI-3

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
40.000	488.741	21	35	FEB 01,1975	
40.033	488.753	21	37	FEB 01,1975	
40.066	488.741	21	39	FEB 01,1975	
40.100	488.730	21	41	FEB 01,1975	
40.133	488.730	21	43	FEB 01,1975	
40.166	488.741	21	45	FEB 01,1975	
40.200	488.741	21	47	FEB 01,1975	
40.233	488.753	21	49	FEB 01,1975	
40.266	488.753	21	51	FEB 01,1975	
40.300	488.764	21	53	FEB 01,1975	
40.333	488.730	21	55	FEB 01,1975	
40.366	488.753	21	57	FEB 01,1975	
40.400	488.776	21	59	FEB 01,1975	
40.433	488.753	22	01	FEB 01,1975	
40.466	488.753	22	03	FEB 01,1975	
40.500	488.741	22	05	FEB 01,1975	
40.533	488.764	22	07	FEB 01,1975	
40.566	488.753	22	09	FEB 01,1975	
40.600	488.764	22	11	FEB 01,1975	
40.633	488.753	22	13	FEB 01,1975	
40.666	488.753	22	15	FEB 01,1975	
40.700	488.764	22	17	FEB 01,1975	
40.733	488.764	22	19	FEB 01,1975	
40.766	488.764	22	21	FEB 01,1975	
40.800	488.741	22	23	FEB 01,1975	
40.833	488.718	22	25	FEB 01,1975	
40.866	488.787	22	27	FEB 01,1975	
40.900	488.764	22	29	FEB 01,1975	
40.933	488.787	22	31	FEB 01,1975	
40.966	488.822	22	33	FEB 01,1975	
41.000	488.810	22	35	FEB 01,1975	
41.033	488.799	22	37	FEB 01,1975	
41.066	488.753	22	39	FEB 01,1975	
41.100	488.718	22	41	FEB 01,1975	
41.133	488.776	22	43	FEB 01,1975	
41.166	488.776	22	45	FEB 01,1975	
41.200	488.776	22	47	FEB 01,1975	
41.233	488.799	22	49	FEB 01,1975	
41.266	488.799	22	51	FEB 01,1975	
41.300	488.799	22	53	FEB 01,1975	

JOB NUMBER
SPG-11223-7

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER
140 4PI-3

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
41.333	488.799	22 55	FEB 01,1975	
41.366	488.799	22 57	FEB 01,1975	
41.400	488.799	22 59	FEB 01,1975	I
41.433	488.799	23 01	FEB 01,1975	
41.466	488.776	23 03	FEB 01,1975	
41.500	488.799	23 05	FEB 01,1975	
41.533	488.776	23 07	FEB 01,1975	
41.566	488.776	23 09	FEB 01,1975	
41.600	488.799	23 11	FEB 01,1975	
41.633	488.764	23 13	FEB 01,1975	
41.666	488.799	23 15	FEB 01,1975	
41.700	488.787	23 17	FEB 01,1975	
41.733	488.787	23 19	FEB 01,1975	
41.766	488.810	23 21	FEB 01,1975	
41.800	488.799	23 23	FEB 01,1975	
41.833	488.776	23 25	FEB 01,1975	
41.866	488.799	23 27	FEB 01,1975	
41.900	488.799	23 29	FEB 01,1975	
41.933	488.799	23 31	FEB 01,1975	
41.966	488.776	23 33	FEB 01,1975	
42.000	488.799	23 35	FEB 01,1975	
42.033	488.741	23 37	FEB 01,1975	
42.066	488.787	23 39	FEB 01,1975	
42.100	488.787	23 41	FEB 01,1975	
42.133	488.810	23 43	FEB 01,1975	
42.166	488.787	23 45	FEB 01,1975	
42.200	488.799	23 47	FEB 01,1975	
42.233	488.799	23 49	FEB 01,1975	
42.266	488.799	23 51	FEB 01,1975	
42.300	488.799	23 53	FEB 01,1975	
42.333	488.799	23 55	FEB 01,1975	
42.366	488.799	23 57	FEB 01,1975	
42.400	488.810	23 59	FEB 01,1975	
42.433	488.787	00 01	FEB 02,1975	
42.466	488.787	00 03	FEB 02,1975	
42.500	488.787	00 05	FEB 02,1975	
42.533	488.822	00 07	FEB 02,1975	
42.566	488.822	00 09	FEB 02,1975	
42.600	488.845	00 11	FEB 02,1975	
42.633	488.799	00 13	FEB 02,1975	

[illegible]
[illegible]

GAUGE/RUN NUMBER
140 [illegible]

DATE OF JOB
JANUARY 31-FEBRUARY 2, 1975

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
42.666	488.810	00	15	FEB 02,1975	
42.700	488.741	00	17	FEB 02,1975	
42.733	488.810	00	19	FEB 02,1975	
42.766	488.787	00	21	FEB 02,1975	
42.800	488.787	00	23	FEB 02,1975	
42.833	488.822	00	25	FEB 02,1975	
42.866	488.822	00	27	FEB 02,1975	
42.900	488.822	00	29	FEB 02,1975	
42.933	488.822	00	31	FEB 02,1975	
42.966	488.787	00	33	FEB 02,1975	
43.000	488.799	00	35	FEB 02,1975	
43.033	488.[illegible]	00	37	FEB 02,1975	
43.066	488.753	00	39	FEB 02,1975	
43.100	488.810	00	41	FEB 02,1975	LAST NULL ON
43.133	488.810	00	43	FEB 02,1975	CHART AT THE
43.166	488.810	00	45	FEB 02,1975	TIME OF 0047
43.200	488.810	00	47	FEB 02,1975	2-2-75

1297 POINTS REPORTED THIS RUN

SPERRY-SUN

POST OFFICE BOX 36363 HOUSTON, TEXAS 77036 (713) 494-3021

J. A. Fouché
President

February 28, 1975

Mr. Frederick R. Scheerer
Atlantic-Richfield Company
1500 Security Life Building
Denver, Colorado 80202

Dear Mr. Scheerer:

Enclosed is the original of our final results of the Precision Pressure Gauge, Job Number SPG-11228-9, performed on your Federal Sorghum Gulch, Tract CB, Well No. SG-1, Sorghum Gulch Field, Piceance Creek Area, Rio Blanco County, Colorado, On February 5th and 6th, 1975. This was a Multi-Packer Test with three zones being tested.

#136	Top Gauge	Surface to 968 Feet	MPT #10
#140	Middle Gauge	968 Feet to 1008 Feet	MPT #10
#145	Bottom Gauge	1008 Feet to 2522 Feet	MPT #10

Also enclosed are the charts for Gauge Numbers 136,140 and 145, with Field Data Sheets.

Distribution is being made according to the attached mailing list.

Thank you for this opportunity to be of service.

Very Truly Yours,

SPERRY-SUN

James A. Welch
District Manager

JAW/jw

Enclosures

JOB NUMBER
SFG-11223-[illegible]
MPT #10

DATE OF JOB
FEBRUARY 5-6, 1975

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER	SG-1
FIELD/LEASE	SORGHUM GULCH
COUNTY/PARISH	RIO BLANCO
STATE	COLORADO
TYPE OF TEST	MPT
REFERENCE ELEV	GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO 136 WITH 500 PSI ELEMENT.

GAUGE DEPTH 55 FEET TOP GAUGE

ZONE FOR GAUGE NO. 136 ZERO=968 FEET

INITIAL HYDROSTATIC 384.364 PSI

FINAL HYDROSTATIC 384.467 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 968 FT AND 1008 FT. TD=2522 FT.

1135 POINTS REPORTED THIS JOB

PAGE 1 OF 3[illegible] PAGES

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JOB NUMBER                                                          DATE OF JOB
SPG-11228--                                                 FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                    DATE OF RUN
136 MP1-10

                                 SPERRY-SUN
                  PRECISION SUBSURFACE PRESSURE GAUGE REPORT

    DELTA     PRESSURE                    TIME      DATE                COMMENTS
    TIME       (PSI)                     HR MIN

    0.000     387.573                    04  50 FEB 05,1975     SET PACKERS
    0.034     387.469                    04  52 FEB 05,1975
    0.067     387.492                    04  54 FEB 05,1975
    0.101     387.492                    04  56 FEB 05,1975
    0.135     387.481                    04  58 FEB 05,1975
    0.168     387.492                    05  00 FEB 05,1975
    0.202     387.492                    05  02 FEB 05,1975
    0.236     387.492                    05  04 FEB 05,1975
    0.269     387.481                    05  06 FEB 05,1975
    0.303     387.492                    05  08 FEB 05,1975
    0.337     387.492                    05  10 FEB 05,1975
    0.370     387.492                    05  12 FEB 05,1975
    0.404     387.492                    05  14 FEB 05,1975
    0.438     387.492                    05  16 FEB 05,1975
    0.471     387.492                    05  18 FEB 05,1975
    0.505     387.527                    05  20 FEB 05,1975
    0.539     387.504                    05  22 FEB 05,1975
    0.572     387.492                    05  24 FEB 05,1975
    0.606     387.504                    05  26 FEB 05,1975
    0.639     387.504                    05  28 FEB 05,1975
    0.673     387.516                    05  30 FEB 05,1975
    0.707     387.504                    05  32 FEB 05,1975
    0.740     387.504                    05  34 FEB 05,1975
    0.774     387.492                    05  36 FEB 05,1975
    0.808     387.504                    05  38 FEB 05,1975
    0.841     387.504                    05  40 FEB 05,1975
    0.875     387.492                    05  43 FEB 05,1975
    0.909     387.504                    05  45 FEB 05,1975
    0.942     387.504                    05  47 FEB 05,1975
    0.976     387.516                    05  49 FEB 05,1975
    1.010     387.516                    05  51 FEB 05,1975
    1.044     387.504                    05  53 FEB 05,1975
    1.077     387.492                    05  55 FEB 05,1975
    1.111     387.504                    05  57 FEB 05,1975
    1.145     387.504                    05  59 FEB 05,1975
    1.178     387.504                    06  01 FEB 05,1975
    1.212     387.504                    06  03 FEB 05,1975
    1.245     387.504                    06  05 FEB 05,1975
    1.279     387.516                    06  07 FEB 05,1975
    1.313     387.516                    06  09 FEB 05,1975


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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
1.346	387.516	06	11	FEB 05,1975	
1.380	387.504	06	13	FEB 05,1975	
1.414	387.504	06	15	FEB 05,1975	
1.447	387.516	06	17	FEB 05,1975	
1.481	387.516	06	19	FEB 05,1975	
1.515	387.516	06	21	FEB 05,1975	
1.548	387.516	06	23	FEB 05,1975	
1.582	387.516	06	25	FEB 05,1975	
1.616	387.516	06	27	FEB 05,1975	
1.649	387.516	06	29	FEB 05,1975	
1.683	387.527	06	31	FEB 05,1975	
1.717	387.527	06	33	FEB 05,1975	
1.750	387.527	06	35	FEB 05,1975	
1.784	387.527	06	37	FEB 05,1975	
1.817	387.527	06	39	FEB 05,1975	
1.851	387.527	06	41	FEB 05,1975	
1.885	387.527	06	43	FEB 05,1975	
1.918	387.527	06	45	FEB 05,1975	
1.952	387.527	06	47	FEB 05,1975	
1.986	387.516	06	49	FEB 05,1975	
2.019	387.527	06	51	FEB 05,1975	
2.053	387.527	06	53	FEB 05,1975	
2.087	387.527	06	55	FEB 05,1975	
2.120	387.527	06	57	FEB 05,1975	
2.154	387.527	06	59	FEB 05,1975	
2.188	387.527	07	01	FEB 05,1975	
2.221	387.527	07	03	FEB 05,1975	
2.255	387.539	07	05	FEB 05,1975	
2.289	387.527	07	07	FEB 05,1975	
2.322	387.539	07	09	FEB 05,1975	
2.356	387.539	07	11	FEB 05,1975	
2.390	387.539	07	13	FEB 05,1975	
2.423	387.527	07	15	FEB 05,1975	
2.457	387.527	07	17	FEB 05,1975	
2.491	387.539	07	19	FEB 05,1975	
2.524	387.539	07	21	FEB 05,1975	
2.558	387.539	07	23	FEB 05,1975	
2.592	387.539	07	25	FEB 05,1975	
2.625	387.539	07	28	FEB 05,1975	
2.659	387.539	07	30	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
2.693	387.550	07	32	FEB 05,1975	
2.726	387.539	07	34	FEB 05,1975	
2.760	387.550	07	36	FEB 05,1975	
2.794	387.550	07	38	FEB 05,1975	
2.827	387.550	07	40	FEB 05,1975	
2.861	387.550	07	42	FEB 05,1975	
2.895	387.550	07	44	FEB 05,1975	
2.928	387.550	07	46	FEB 05,1975	
2.962	387.539	07	48	FEB 05,1975	
2.995	387.550	07	50	FEB 05,1975	
3.029	387.550	07	52	FEB 05,1975	
3.063	387.550	07	54	FEB 05,1975	
3.096	387.550	07	56	FEB 05,1975	
3.130	387.550	07	58	FEB 05,1975	
3.164	387.550	08	00	FEB 05,1975	
3.197	387.527	08	02	FEB 05,1975	
3.231	387.539	08	04	FEB 05,1975	
3.265	387.539	08	06	FEB 05,1975	
3.298	387.539	08	08	FEB 05,1975	
3.332	387.527	08	10	FEB 05,1975	
3.366	387.539	08	12	FEB 05,1975	
3.399	387.539	08	14	FEB 05,1975	
3.433	387.539	08	16	FEB 05,1975	
3.467	387.527	08	18	FEB 05,1975	
3.500	387.539	08	20	FEB 05,1975	
3.534	387.539	08	22	FEB 05,1975	
3.568	387.539	08	24	FEB 05,1975	
3.601	387.539	08	26	FEB 05,1975	
3.635	387.539	08	28	FEB 05,1975	
3.669	387.539	08	30	FEB 05,1975	
3.702	387.539	08	32	FEB 05,1975	
3.736	387.562	08	34	FEB 05,1975	
3.770	387.539	08	36	FEB 05,1975	
3.803	387.527	08	38	FEB 05,1975	
3.837	387.492	08	40	FEB 05,1975	
3.871	387.481	08	42	FEB 05,1975	
3.904	387.469	08	44	FEB 05,1975	
3.938	387.481	08	46	FEB 05,1975	
3.972	387.446	08	48	FEB 05,1975	
4.005	387.446	08	50	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
4.039	387.469	08	52	FEB 05,1975	
4.072	387.492	08	54	FEB 05,1975	
4.106	387.492	08	56	FEB 05,1975	
4.140	387.492	08	58	FEB 05,1975	
4.173	387.492	09	00	FEB 05,1975	
4.207	387.492	09	02	FEB 05,1975	
4.241	387.492	09	04	FEB 05,1975	
4.274	387.492	09	06	FEB 05,1975	
4.308	387.492	09	08	FEB 05,1975	
4.342	387.492	09	11	FEB 05,1975	
4.375	387.492	09	13	FEB 05,1975	
4.409	387.492	09	15	FEB 05,1975	
4.443	387.516	09	17	FEB 05,1975	
4.476	387.504	09	19	FEB 05,1975	
4.510	387.516	09	21	FEB 05,1975	
4.544	387.504	09	23	FEB 05,1975	
4.577	387.504	09	25	FEB 05,1975	
4.611	387.516	09	27	FEB 05,1975	
4.645	387.504	09	29	FEB 05,1975	
4.678	387.516	09	31	FEB 05,1975	
4.712	387.516	09	33	FEB 05,1975	
4.746	387.504	09	35	FEB 05,1975	
4.779	387.504	09	37	FEB 05,1975	
4.813	387.504	09	39	FEB 05,1975	
4.847	387.504	09	41	FEB 05,1975	
4.880	387.504	09	43	FEB 05,1975	
4.914	387.527	09	45	FEB 05,1975	
4.948	387.527	09	47	FEB 05,1975	
4.981	387.527	09	49	FEB 05,1975	
5.015	387.527	09	51	FEB 05,1975	
5.049	387.527	09	53	FEB 05,1975	
5.082	387.527	09	55	FEB 05,1975	
5.116	387.527	09	57	FEB 05,1975	
5.150	387.527	09	59	FEB 05,1975	
5.183	387.539	10	01	FEB 05,1975	
5.217	387.527	10	03	FEB 05,1975	
5.250	387.539	10	05	FEB 05,1975	
5.284	387.527	10	07	FEB 05,1975	
5.318	387.539	10	09	FEB 05,1975	
5.351	387.539	10	11	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
5.385	387.527	10	13	FEB 05,1975	
5.419	387.539	10	15	FEB 05,1975	
5.452	387.539	10	17	FEB 05,1975	
5.486	387.539	10	19	FEB 05,1975	
5.520	387.539	10	21	FEB 05,1975	
5.553	387.539	10	23	FEB 05,1975	
5.587	387.539	10	25	FEB 05,1975	
5.621	387.539	10	27	FEB 05,1975	
5.654	387.539	10	29	FEB 05,1975	
5.688	387.539	10	31	FEB 05,1975	
5.722	387.539	10	33	FEB 05,1975	
5.755	387.539	10	35	FEB 05,1975	
5.789	387.539	10	37	FEB 05,1975	
5.823	387.550	10	39	FEB 05,1975	
5.856	387.550	10	41	FEB 05,1975	
5.890	387.550	10	43	FEB 05,1975	
5.924	387.562	10	45	FEB 05,1975	
5.957	387.550	10	47	FEB 05,1975	
5.991	387.573	10	49	FEB 05,1975	
6.025	387.550	10	51	FEB 05,1975	
6.058	387.643	10	53	FEB 05,1975	
6.092	387.655	10	56	FEB 05,1975	
6.126	387.712	10	58	FEB 05,1975	
6.159	387.712	11	00	FEB 05,1975	
6.193	387.736	11	02	FEB 05,1975	
6.227	387.759	11	04	FEB 05,1975	
6.260	387.759	11	06	FEB 05,1975	
6.294	387.759	11	08	FEB 05,1975	
6.328	387.759	11	10	FEB 05,1975	
6.361	387.782	11	12	FEB 05,1975	
6.395	387.782	11	14	FEB 05,1975	
6.428	387.759	11	16	FEB 05,1975	
6.462	387.724	11	18	FEB 05,1975	
6.496	387.712	11	20	FEB 05,1975	
6.529	387.701	11	22	FEB 05,1975	
6.563	387.678	11	24	FEB 05,1975	
6.597	387.678	11	26	FEB 05,1975	
6.630	387.678	11	28	FEB 05,1975	
6.664	387.678	11	30	FEB 05,1975	
6.698	387.666	11	32	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
6.731	387.655	11	34	FEB 05,1975	
6.765	387.666	11	36	FEB 05,1975	
6.799	387.643	11	38	FEB 05,1975	
6.832	387.655	11	40	FEB 05,1975	
6.866	387.643	11	42	FEB 05,1975	
6.900	387.631	11	44	FEB 05,1975	
6.933	387.643	11	46	FEB 05,1975	
6.967	387.655	11	48	FEB 05,1975	
7.001	387.655	11	50	FEB 05,1975	
7.034	387.643	11	52	FEB 05,1975	
7.068	387.643	11	54	FEB 05,1975	
7.102	387.643	11	56	FEB 05,1975	
7.135	387.643	11	58	FEB 05,1975	
7.169	387.643	12	00	FEB 05,1975	
7.203	387.643	12	02	FEB 05,1975	
7.236	387.655	12	04	FEB 05,1975	
7.270	387.643	12	06	FEB 05,1975	
7.304	387.655	12	08	FEB 05,1975	
7.337	387.655	12	10	FEB 05,1975	
7.371	387.655	12	12	FEB 05,1975	
7.405	387.666	12	14	FEB 05,1975	
7.438	387.643	12	16	FEB 05,1975	
7.472	387.655	12	18	FEB 05,1975	
7.506	387.655	12	20	FEB 05,1975	
7.539	387.655	12	22	FEB 05,1975	
7.573	387.6[illegible]	12	24	FEB 05,1975	
7.606	387.655	12	26	FEB 05,1975	
7.640	387.655	12	28	FEB 05,1975	
7.673	387.666	12	30	FEB 05,1975	
7.707	387.666	12	32	FEB 05,1975	START TESTING TO SEE IF PACKERS SET BEFORE START OF JET TEST
7.741	387.666	12	34	FEB 05,1975	
7.775	387.678	12	36	FEB 05,1975	
7.808	387.689	12	39	FEB 05,1975	
7.842	387.6[illegible]	12	41	FEB 05,1975	
7.876	387.6[illegible]	12	43	FEB 05,1975	
7.909	387.701	12	45	FEB 05,1975	
7.943	387.6[illegible]	12	47	FEB 05,1975	
7.977	387.666	12	49	FEB 05,1975	
8.011	387.6[illegible]	12	51	FEB 05,1975	
8.044	387.7[illegible]	12	53	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
8.078	387.689	12	55	FEB 05,1975	
8.111	387.689	12	57	FEB 05,1975	
8.145	387.678	12	59	FEB 05,1975	
8.179	387.678	13	01	FEB 05,1975	
8.212	387.678	13	03	FEB 05,1975	
8.246	387.678	13	05	FEB 05,1975	
8.280	387.678	13	07	FEB 05,1975	
8.313	387.678	13	09	FEB 05,1975	
8.347	387.678	13	11	FEB 05,1975	
8.381	387.701	13	13	FEB 05,1975	
8.414	387.689	13	15	FEB 05,1975	
8.448	387.678	13	17	FEB 05,1975	
8.482	387.689	13	19	FEB 05,1975	
8.515	387.689	13	21	FEB 05,1975	
8.549	387.678	13	23	FEB 05,1975	
8.583	387.689	13	25	FEB 05,1975	
8.616	387.689	13	27	FEB 05,1975	
8.650	387.689	13	29	FEB 05,1975	
8.684	387.701	13	31	FEB 05,1975	
8.717	387.712	13	33	FEB 05,1975	
8.751	387.701	13	35	FEB 05,1975	
8.784	387.701	13	37	FEB 05,1975	
8.818	387.701	13	39	FEB 05,1975	
8.852	387.689	13	41	FEB 05,1975	
8.885	387.701	13	43	FEB 05,1975	
8.919	387.701	13	45	FEB 05,1975	
8.953	387.701	13	47	FEB 05,1975	
8.986	387.701	13	49	FEB 05,1975	
9.020	387.701	13	51	FEB 05,1975	
9.054	387.701	13	53	FEB 05,1975	
9.087	387.701	13	55	FEB 05,1975	
9.121	387.701	13	57	FEB 05,1975	
9.155	387.724	13	59	FEB 05,1975	
9.188	387.712	14	01	FEB 05,1975	
9.222	387.712	14	03	FEB 05,1975	
9.256	387.724	14	05	FEB 05,1975	
9.289	387.724	14	07	FEB 05,1975	
9.323	387.724	14	09	FEB 05,1975	
9.357	387.724	14	11	FEB 05,1975	
9.390	387.724	14	13	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
9.424	387.724	14	15	FEB 05,1975	
9.458	387.712	14	17	FEB 05,1975	
9.491	387.724	14	19	FEB 05,1975	
9.525	387.724	14	21	FEB 05,1975	START JETTING
9.559	387.724	14	24	FEB 05,1975	
9.592	387.724	14	26	FEB 05,1975	
9.626	387.724	14	28	FEB 05,1975	
9.660	387.724	14	30	FEB 05,1975	
9.693	387.736	14	32	FEB 05,1975	
9.727	387.724	14	34	FEB 05,1975	
9.761	387.724	14	36	FEB 05,1975	
9.794	387.736	14	38	FEB 05,1975	
9.828	387.736	14	40	FEB 05,1975	
9.862	387.724	14	42	FEB 05,1975	
9.895	387.724	14	44	FEB 05,1975	
9.929	387.724	14	46	FEB 05,1975	
9.962	387.724	14	48	FEB 05,1975	
9.996	387.712	14	50	FEB 05,1975	
10.030	387.712	14	52	FEB 05,1975	
10.063	387.701	14	54	FEB 05,1975	
10.097	387.724	14	56	FEB 05,1975	
10.131	387.701	14	58	FEB 05,1975	
10.164	387.689	15	00	FEB 05,1975	
10.198	387.689	15	02	FEB 05,1975	
10.232	387.689	15	04	FEB 05,1975	
10.265	387.689	15	06	FEB 05,1975	
10.299	387.689	15	08	FEB 05,1975	
10.333	387.689	15	10	FEB 05,1975	
10.366	387.678	15	12	FEB 05,1975	
10.400	387.689	15	14	FEB 05,1975	
10.434	387.678	15	16	FEB 05,1975	
10.467	387.689	15	18	FEB 05,1975	
10.501	387.689	15	20	FEB 05,1975	
10.535	387.678	15	22	FEB 05,1975	
10.568	387.689	15	24	FEB 05,1975	
10.602	387.689	15	26	FEB 05,1975	
10.636	387.689	15	28	FEB 05,1975	
10.669	387.689	15	30	FEB 05,1975	
10.703	387.689	15	32	FEB 05,1975	
10.737	387.678	15	34	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
10.770	387.701	15	36	FEB 05,1975	
10.804	387.689	15	38	FEB 05,1975	
10.838	387.689	15	40	FEB 05,1975	
10.871	387.678	15	42	FEB 05,1975	
10.905	387.689	15	44	FEB 05,1975	
10.939	387.689	15	46	FEB 05,1975	
10.972	387.689	15	48	FEB 05,1975	
11.006	387.689	15	50	FEB 05,1975	
11.039	387.678	15	52	FEB 05,1975	
11.073	387.678	15	54	FEB 05,1975	
11.107	387.678	15	56	FEB 05,1975	
11.140	387.678	15	58	FEB 05,1975	
11.174	387.655	16	00	FEB 05,1975	
11.208	387.689	16	02	FEB 05,1975	
11.241	387.689	16	04	FEB 05,1975	
11.275	387.689	16	07	FEB 05,1975	
11.309	387.678	16	09	FEB 05,1975	
11.342	387.678	16	11	FEB 05,1975	
11.376	387.666	16	13	FEB 05,1975	
11.410	387.678	16	15	FEB 05,1975	
11.443	387.678	16	17	FEB 05,1975	
11.477	387.678	16	19	FEB 05,1975	
11.511	387.666	16	21	FEB 05,1975	
11.544	387.678	16	23	FEB 05,1975	
11.578	387.678	16	25	FEB 05,1975	
11.612	387.678	16	27	FEB 05,1975	
11.645	387.678	16	29	FEB 05,1975	
11.679	387.678	16	31	FEB 05,1975	
11.713	387.666	16	33	FEB 05,1975	
11.746	387.678	16	35	FEB 05,1975	
11.780	387.655	16	37	FEB 05,1975	
11.814	387.678	16	39	FEB 05,1975	
11.847	387.678	16	41	FEB 05,1975	
11.881	387.666	16	43	FEB 05,1975	
11.915	387.655	16	45	FEB 05,1975	
11.948	387.666	16	47	FEB 05,1975	
11.982	387.655	16	49	FEB 05,1975	
12.016	387.666	16	51	FEB 05,1975	
12.049	387.655	16	53	FEB 05,1975	
12.083	387.655	16	55	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
12.117	387.643	16	57	FEB 05,1975	
12.150	387.678	16	59	FEB 05,1975	
12.184	387.655	17	01	FEB 05,1975	
12.217	387.655	17	03	FEB 05,1975	
12.251	387.655	17	05	FEB 05,1975	
12.285	387.666	17	07	FEB 05,1975	
12.318	387.655	17	09	FEB 05,1975	
12.352	387.655	17	11	FEB 05,1975	
12.386	387.655	17	13	FEB 05,1975	
12.419	387.655	17	15	FEB 05,1975	
12.453	387.655	17	17	FEB 05,1975	
12.487	387.655	17	19	FEB 05,1975	
12.520	387.655	17	21	FEB 05,1975	
12.554	387.666	17	23	FEB 05,1975	
12.588	387.655	17	25	FEB 05,1975	
12.621	387.666	17	27	FEB 05,1975	
12.655	387.666	17	29	FEB 05,1975	
12.689	387.666	17	31	FEB 05,1975	
12.722	387.655	17	33	FEB 05,1975	
12.756	387.643	17	35	FEB 05,1975	
12.790	387.643	17	37	FEB 05,1975	
12.823	387.655	17	39	FEB 05,1975	
12.857	387.655	17	41	FEB 05,1975	
12.891	387.655	17	43	FEB 05,1975	
12.924	387.655	17	45	FEB 05,1975	
12.958	387.655	17	47	FEB 05,1975	
12.992	387.643	17	49	FEB 05,1975	
13.025	387.643	17	52	FEB 05,1975	
13.059	387.655	17	54	FEB 05,1975	
13.093	387.655	17	56	FEB 05,1975	
13.126	387.655	17	58	FEB 05,1975	
13.160	387.655	18	00	FEB 05,1975	
13.194	387.655	18	02	FEB 05,1975	
13.227	387.655	18	04	FEB 05,1975	
13.261	387.631	18	06	FEB 05,1975	
13.295	387.655	18	08	FEB 05,1975	
13.328	387.643	18	10	FEB 05,1975	
13.362	387.643	18	12	FEB 05,1975	
13.395	387.655	18	14	FEB 05,1975	
13.429	387.655	18	16	FEB 05,1975	

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  DELTA     PRESSURE                      TIME       DATE                 COMMENTS
  TIME       (PSI)                       HR MIN

 13.463     387.643                      18   18 FEB 05,1975
 13.496     387.643                      18   20 FEB 05,1975
 13.530     387.643                      18   22 FEB 05,1975
 13.564     387.655                      18   24 FEB 05,1975
 13.597     387.643                      18   26 FEB 05,1975
 13.631     387.643                      18   28 FEB 05,1975
 13.665     387.643                      18   30 FEB 05,1975
 13.698     387.643                      18   32 FEB 05,1975
 13.732     387.643                      18   34 FEB 05,1975
 13.766     387.643                      18   36 FEB 05,1975
 13.799     387.643                      18   38 FEB 05,1975
 13.833     387.631                      18   40 FEB 05,1975
 13.867     387.643                      18   42 FEB 05,1975
 13.900     387.643                      18   44 FEB 05,1975
 13.934     387.643                      18   46 FEB 05,1975
 13.968     387.643                      18   48 FEB 05,1975
 14.001     387.643                      18   50 FEB 05,1975
 14.035     387.631                      18   52 FEB 05,1975
 14.069     387.631                      18   54 FEB 05,1975
 14.102     387.631                      18   56 FEB 05,1975
 14.136     387.643                      18   58 FEB 05,1975
 14.170     387.631                      19   00 FEB 05,1975
 14.203     387.643                      19   02 FEB 05,1975
 14.237     387.631                      19   04 FEB 05,1975
 14.271     387.643                      19   06 FEB 05,1975
 14.304     387.631                      19   08 FEB 05,1975
 14.338     387.631                      19   10 FEB 05,1975
 14.372     387.631                      19   12 FEB 05,1975
 14.405     387.631                      19   14 FEB 05,1975
 14.439     387.631                      19   16 FEB 05,1975
 14.473     387.631                      19   18 FEB 05,1975
 14.506     387.631                      19   20 FEB 05,1975
 14.540     387.631                      19   22 FEB 05,1975
 14.573     387.631                      19   24 FEB 05,1975
 14.607     387.620                      19   26 FEB 05,1975
 14.641     387.631                      19   28 FEB 05,1975
 14.674     387.620                      19   30 FEB 05,1975
 14.708     387.631                      19   32 FEB 05,1975
 14.742     387.631                      19   35 FEB 05,1975
 14.775     387.631                      19   37 FEB 05,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
14.809	387.631	19	39	FEB 05,1975	
14.843	387.631	19	41	FEB 05,1975	
14.876	387.643	19	43	FEB 05,1975	
14.910	387.631	19	45	FEB 05,1975	
14.944	387.631	19	47	FEB 05,1975	
14.977	387.620	19	49	FEB 05,1975	
15.011	387.631	19	51	FEB 05,1975	
15.045	387.620	19	53	FEB 05,1975	
15.078	387.631	19	55	FEB 05,1975	
15.112	387.631	19	57	FEB 05,1975	
15.146	387.631	19	59	FEB 05,1975	
15.179	387.631	20	01	FEB 05,1975	
15.213	387.631	20	03	FEB 05,1975	
15.247	387.631	20	05	FEB 05,1975	
15.280	387.631	20	07	FEB 05,1975	
15.314	387.631	20	09	FEB 05,1975	
15.348	387.631	20	11	FEB 05,1975	
15.381	387.631	20	13	FEB 05,1975	
15.415	387.631	20	15	FEB 05,1975	
15.449	387.631	20	17	FEB 05,1975	
15.482	387.631	20	19	FEB 05,1975	
15.516	387.631	20	21	FEB 05,1975	
15.550	387.631	20	23	FEB 05,1975	
15.583	387.631	20	25	FEB 05,1975	
15.617	387.631	20	27	FEB 05,1975	
15.651	387.631	20	29	FEB 05,1975	
15.684	387.620	20	31	FEB 05,1975	
15.718	387.631	20	33	FEB 05,1975	
15.751	387.631	20	35	FEB 05,1975	
15.785	387.631	20	37	FEB 05,1975	
15.819	387.631	20	39	FEB 05,1975	
15.852	387.631	20	41	FEB 05,1975	
15.886	387.631	20	43	FEB 05,1975	
15.920	387.631	20	45	FEB 05,1975	
15.953	387.643	20	47	FEB 05,1975	
15.987	387.620	20	49	FEB 05,1975	
16.021	387.620	20	51	FEB 05,1975	
16.054	387.631	20	53	FEB 05,1975	
16.088	387.631	20	55	FEB 05,1975	
16.122	387.631	20	57	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
16.155	387.631	20	59	FEB 05,1975	
16.189	387.631	21	01	FEB 05,1975	
16.223	387.631	21	03	FEB 05,1975	
16.256	387.631	21	05	FEB 05,1975	
16.290	387.631	21	07	FEB 05,1975	
16.324	387.631	21	09	FEB 05,1975	
16.357	387.620	21	11	FEB 05,1975	
16.391	387.631	21	13	FEB 05,1975	
16.425	387.631	21	15	FEB 05,1975	
16.458	387.631	21	17	FEB 05,1975	
16.492	387.631	21	20	FEB 05,1975	
16.526	387.631	21	22	FEB 05,1975	
16.559	387.631	21	24	FEB 05,1975	
16.593	387.631	21	26	FEB 05,1975	
16.627	387.631	21	28	FEB 05,1975	
16.660	387.631	21	30	FEB 05,1975	
16.694	387.631	21	32	FEB 05,1975	
16.728	387.631	21	34	FEB 05,1975	
16.761	387.631	21	36	FEB 05,1975	
16.795	387.631	21	38	FEB 05,1975	
16.829	387.631	21	40	FEB 05,1975	
16.862	387.620	21	42	FEB 05,1975	
16.896	387.631	21	44	FEB 05,1975	
16.929	387.631	21	46	FEB 05,1975	
16.963	387.631	21	48	FEB 05,1975	
16.997	387.631	21	50	FEB 05,1975	
17.030	387.620	21	52	FEB 05,1975	
17.064	387.620	21	54	FEB 05,1975	
17.098	387.631	21	56	FEB 05,1975	
17.131	387.631	21	58	FEB 05,1975	
17.165	387.631	22	00	FEB 05,1975	
17.199	387.631	22	02	FEB 05,1975	
17.232	387.631	22	04	FEB 05,1975	
17.266	387.631	22	06	FEB 05,1975	
17.300	387.631	22	08	FEB 05,1975	
17.333	387.631	22	10	FEB 05,1975	
17.367	387.631	22	12	FEB 05,1975	
17.401	387.631	22	14	FEB 05,1975	
17.434	387.631	22	16	FEB 05,1975	
17.468	387.631	22	18	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
17.502	387.631	22	20	FEB 05,1975	
17.535	387.631	22	22	FEB 05,1975	
17.569	387.631	22	24	FEB 05,1975	
17.603	387.631	22	26	FEB 05,1975	
17.636	387.631	22	28	FEB 05,1975	
17.670	387.631	22	30	FEB 05,1975	
17.704	387.631	22	32	FEB 05,1975	
17.737	387.631	22	34	FEB 05,1975	
17.771	387.631	22	36	FEB 05,1975	
17.805	387.620	22	38	FEB 05,1975	
17.838	387.620	22	40	FEB 05,1975	
17.872	387.631	22	42	FEB 05,1975	
17.906	387.643	22	44	FEB 05,1975	
17.939	387.631	22	46	FEB 05,1975	
17.973	387.631	22	48	FEB 05,1975	
18.006	387.620	22	50	FEB 05,1975	
18.040	387.631	22	52	FEB 05,1975	
18.074	387.631	22	54	FEB 05,1975	
18.107	387.620	22	56	FEB 05,1975	
18.141	387.631	22	58	FEB 05,1975	
18.175	387.631	23	00	FEB 05,1975	
18.208	387.631	23	03	FEB 05,1975	
18.242	387.631	23	05	FEB 05,1975	
18.276	387.631	23	07	FEB 05,1975	
18.309	387.631	23	09	FEB 05,1975	
18.343	387.631	23	11	FEB 05,1975	
18.377	387.631	23	13	FEB 05,1975	
18.410	387.631	23	15	FEB 05,1975	
18.444	387.631	23	17	FEB 05,1975	
18.478	387.631	23	19	FEB 05,1975	
18.511	387.631	23	21	FEB 05,1975	
18.545	387.631	23	23	FEB 05,1975	
18.579	387.631	23	25	FEB 05,1975	
18.612	387.631	23	27	FEB 05,1975	
18.646	387.631	23	29	FEB 05,1975	
18.680	387.631	23	31	FEB 05,1975	
18.713	387.631	23	33	FEB 05,1975	
18.747	387.631	23	35	FEB 05,1975	
18.781	387.631	23	37	FEB 05,1975	
18.814	387.631	23	39	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
18.848	387.631	23	41	FEB 05,1975	
18.882	387.631	23	43	FEB 05,1975	
18.915	387.631	23	45	FEB 05,1975	
18.949	387.643	23	47	FEB 05,1975	
18.983	387.643	23	49	FEB 05,1975	
19.016	387.643	23	51	FEB 05,1975	
19.050	387.631	23	53	FEB 05,1975	
19.084	387.643	23	55	FEB 05,1975	
19.117	387.643	23	57	FEB 05,1975	
19.151	387.643	23	59	FEB 05,1975	
19.184	387.643	00	01	FEB 06,1975	
19.218	387.643	00	03	FEB 06,1975	
19.252	387.643	00	05	FEB 06,1975	
19.285	387.643	00	07	FEB 06,1975	
19.319	387.643	00	09	FEB 06,1975	
19.353	387.643	00	11	FEB 06,1975	
19.386	387.643	00	13	FEB 06,1975	
19.420	387.643	00	15	FEB 06,1975	
19.454	387.643	00	17	FEB 06,1975	
19.487	387.643	00	19	FEB 06,1975	
19.521	387.643	00	21	FEB 06,1975	
19.555	387.643	00	23	FEB 06,1975	
19.588	387.643	00	25	FEB 06,1975	
19.622	387.643	00	27	FEB 06,1975	
19.656	387.655	00	29	FEB 06,1975	
19.689	387.643	00	31	FEB 06,1975	
19.723	387.631	00	33	FEB 06,1975	
19.757	387.643	00	35	FEB 06,1975	
19.790	387.666	00	37	FEB 06,1975	
19.824	387.666	00	39	FEB 06,1975	
19.858	387.655	00	41	FEB 06,1975	
19.891	387.655	00	43	FEB 06,1975	
19.925	387.655	00	45	FEB 06,1975	
19.959	387.655	00	48	FEB 06,1975	
19.992	387.655	00	50	FEB 06,1975	
20.026	387.655	00	52	FEB 06,1975	
20.060	387.666	00	54	FEB 06,1975	
20.093	387.666	00	56	FEB 06,1975	
20.127	387.666	00	58	FEB 06,1975	
20.161	387.666	01	00	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
20.194	387.666	01	02	FEB 06,1975	
20.228	387.666	01	04	FEB 06,1975	
20.262	387.666	01	06	FEB 06,1975	
20.295	387.666	01	08	FEB 06,1975	
20.329	387.666	01	10	FEB 06,1975	
20.362	387.666	01	12	FEB 06,1975	
20.396	387.666	01	14	FEB 06,1975	
20.430	387.666	01	16	FEB 06,1975	
20.463	387.666	01	18	FEB 06,1975	
20.497	387.666	01	20	FEB 06,1975	
20.531	387.666	01	22	FEB 06,1975	
20.564	387.666	01	24	FEB 06,1975	
20.598	387.666	01	26	FEB 06,1975	
20.632	387.666	01	28	FEB 06,1975	
20.665	387.666	01	30	FEB 06,1975	
20.699	387.666	01	32	FEB 06,1975	
20.733	387.666	01	34	FEB 06,1975	
20.766	387.666	01	36	FEB 06,1975	
20.800	387.666	01	38	FEB 06,1975	
20.834	387.666	01	40	FEB 06,1975	
20.867	387.666	01	42	FEB 06,1975	
20.901	387.666	01	44	FEB 06,1975	
20.935	387.666	01	46	FEB 06,1975	
20.968	387.666	01	48	FEB 06,1975	
21.002	387.666	01	50	FEB 06,1975	
21.036	387.666	01	52	FEB 06,1975	
21.069	387.666	01	54	FEB 06,1975	
21.103	387.666	01	56	FEB 06,1975	
21.137	387.666	01	58	FEB 06,1975	
21.170	387.666	02	00	FEB 06,1975	
21.204	387.666	02	02	FEB 06,1975	
21.238	387.678	02	04	FEB 06,1975	
21.271	387.678	02	06	FEB 06,1975	
21.305	387.678	02	08	FEB 06,1975	
21.339	387.678	02	10	FEB 06,1975	
21.372	387.678	02	12	FEB 06,1975	
21.406	387.678	02	14	FEB 06,1975	
21.440	387.678	02	16	FEB 06,1975	
21.473	387.689	02	18	FEB 06,1975	
21.507	387.689	02	20	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.540	387.678	02 22	FEB 06,1975	
21.574	387.689	02 24	FEB 06,1975	
21.608	387.689	02 26	FEB 06,1975	
21.641	387.678	02 28	FEB 06,1975	
21.675	387.689	02 31	FEB 06,1975	
21.709	387.689	02 33	FEB 06,1975	
21.742	387.678	02 35	FEB 06,1975	
21.776	387.689	02 37	FEB 06,1975	
21.810	387.689	02 39	FEB 06,1975	
21.843	387.689	02 41	FEB 06,1975	
21.877	387.678	02 43	FEB 06,1975	
21.911	387.689	02 45	FEB 06,1975	
21.944	387.689	02 47	FEB 06,1975	
21.978	387.689	02 49	FEB 06,1975	
22.012	387.689	02 51	FEB 06,1975	
22.045	387.689	02 53	FEB 06,1975	
22.079	387.689	02 55	FEB 06,1975	
22.113	387.701	02 57	FEB 06,1975	
22.146	387.689	02 59	FEB 06,1975	
22.180	387.678	03 01	FEB 06,1975	
22.214	387.678	03 03	FEB 06,1975	
22.247	387.701	03 05	FEB 06,1975	
22.281	387.701	03 07	FEB 06,1975	
22.315	387.701	03 09	FEB 06,1975	
22.348	387.701	03 11	FEB 06,1975	
22.382	387.701	03 13	FEB 06,1975	
22.416	387.689	03 15	FEB 06,1975	
22.449	387.689	03 17	FEB 06,1975	
22.483	387.701	03 19	FEB 06,1975	
22.517	387.701	03 21	FEB 06,1975	
22.550	387.701	03 23	FEB 06,1975	
22.584	387.701	03 25	FEB 06,1975	
22.618	387.701	03 27	FEB 06,1975	
22.651	387.701	03 29	FEB 06,1975	
22.685	387.701	03 31	FEB 06,1975	
22.719	387.701	03 33	FEB 06,1975	
22.752	387.701	03 35	FEB 06,1975	
22.786	387.701	03 37	FEB 06,1975	
22.819	387.701	03 39	FEB 06,1975	
22.853	387.701	03 41	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
22.887	387.701	03	43	FEB 06,1975	
22.920	387.701	03	45	FEB 06,1975	
22.954	387.701	03	47	FEB 06,1975	
22.988	387.701	03	49	FEB 06,1975	
23.021	387.701	03	51	FEB 06,1975	
23.055	387.701	03	53	FEB 06,1975	
23.089	387.701	03	55	FEB 06,1975	
23.122	387.701	03	57	FEB 06,1975	
23.156	387.712	03	59	FEB 06,1975	
23.190	387.712	04	01	FEB 06,1975	
23.223	387.724	04	03	FEB 06,1975	
23.257	387.701	04	05	FEB 06,1975	
23.291	387.701	04	07	FEB 06,1975	
23.324	387.712	04	09	FEB 06,1975	
23.358	387.712	04	11	FEB 06,1975	
23.392	387.712	04	13	FEB 06,1975	
23.425	387.712	04	16	FEB 06,1975	
23.459	387.712	04	18	FEB 06,1975	
23.493	387.701	04	20	FEB 06,1975	
23.526	387.712	04	22	FEB 06,1975	
23.560	387.712	04	24	FEB 06,1975	
23.594	387.701	04	26	FEB 06,1975	
23.627	387.712	04	28	FEB 06,1975	
23.661	387.712	04	30	FEB 06,1975	
23.695	387.712	04	32	FEB 06,1975	
23.728	387.689	04	34	FEB 06,1975	
23.762	387.712	04	36	FEB 06,1975	
23.795	387.701	04	38	FEB 06,1975	
23.829	387.701	04	40	FEB 06,1975	
23.863	387.701	04	42	FEB 06,1975	
23.896	387.712	04	44	FEB 06,1975	
23.930	387.712	04	46	FEB 06,1975	
23.964	387.712	04	48	FEB 06,1975	
23.997	387.712	04	50	FEB 06,1975	
24.031	387.712	04	52	FEB 06,1975	
24.065	387.712	04	54	FEB 06,1975	
24.098	387.712	04	56	FEB 06,1975	
24.132	387.712	04	58	FEB 06,1975	
24.166	387.712	05	00	FEB 06,1975	
24.199	387.712	05	02	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
24.233	387.712	05	04	FEB 06,1975	
24.267	387.712	05	06	FEB 06,1975	
24.300	387.712	05	08	FEB 06,1975	
24.334	387.724	05	10	FEB 06,1975	
24.368	387.712	05	12	FEB 06,1975	
24.401	387.712	05	14	FEB 06,1975	
24.435	387.724	05	16	FEB 06,1975	
24.469	387.712	05	18	FEB 06,1975	
24.502	387.712	05	20	FEB 06,1975	
24.536	387.712	05	22	FEB 06,1975	
24.570	387.712	05	24	FEB 06,1975	
24.603	387.712	05	26	FEB 06,1975	
24.637	387.712	05	28	FEB 06,1975	
24.671	387.712	05	30	FEB 06,1975	
24.704	387.712	05	32	FEB 06,1975	
24.738	387.712	05	34	FEB 06,1975	
24.772	387.712	05	36	FEB 06,1975	
24.805	387.712	05	38	FEB 06,1975	
24.839	387.712	05	40	FEB 06,1975	
24.873	387.712	05	42	FEB 06,1975	
24.906	387.712	05	44	FEB 06,1975	
24.940	387.712	05	46	FEB 06,1975	
24.973	387.712	05	48	FEB 06,1975	
25.007	387.712	05	50	FEB 06,1975	
25.041	387.736	05	52	FEB 06,1975	
25.074	387.724	05	54	FEB 06,1975	
25.108	387.724	05	56	FEB 06,1975	
25.142	387.724	05	58	FEB 06,1975	
25.175	387.724	06	01	FEB 06,1975	
25.209	387.724	06	03	FEB 06,1975	
25.243	387.736	06	05	FEB 06,1975	
25.276	387.724	06	07	FEB 06,1975	
25.310	387.736	06	09	FEB 06,1975	
25.344	387.736	06	11	FEB 06,1975	
25.377	387.736	06	13	FEB 06,1975	
25.411	387.724	06	15	FEB 06,1975	
25.445	387.736	06	17	FEB 06,1975	
25.478	387.724	06	19	FEB 06,1975	
25.512	387.736	06	21	FEB 06,1975	
25.546	387.736	06	23	FEB 06,1975	

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25.579	387.736	06	25	FEB 06,1975	
25.613	387.736	06	27	FEB 06,1975	
25.647	387.736	06	29	FEB 06,1975	
25.680	387.736	06	31	FEB 06,1975	
25.714	387.736	06	33	FEB 06,1975	
25.748	387.736	06	35	FEB 06,1975	
25.781	387.736	06	37	FEB 06,1975	
25.815	387.736	06	39	FEB 06,1975	
25.849	387.736	06	41	FEB 06,1975	
25.882	387.736	06	43	FEB 06,1975	
25.916	387.736	06	45	FEB 06,1975	
25.950	387.736	06	47	FEB 06,1975	
25.983	387.736	06	49	FEB 06,1975	
26.017	387.736	06	51	FEB 06,1975	
26.051	387.736	06	53	FEB 06,1975	
26.084	387.736	06	55	FEB 06,1975	
26.118	387.736	06	57	FEB 06,1975	
26.151	387.736	06	59	FEB 06,1975	
26.185	387.736	07	01	FEB 06,1975	
26.219	387.736	07	03	FEB 06,1975	
26.252	387.736	07	05	FEB 06,1975	
26.286	387.736	07	07	FEB 06,1975	
26.320	387.736	07	09	FEB 06,1975	
26.353	387.736	07	11	FEB 06,1975	
26.387	387.736	07	13	FEB 06,1975	
26.421	387.736	07	15	FEB 06,1975	
26.454	387.736	07	17	FEB 06,1975	
26.488	387.736	07	19	FEB 06,1975	
26.522	387.736	07	21	FEB 06,1975	
26.555	387.736	07	23	FEB 06,1975	
26.589	387.736	07	25	FEB 06,1975	
26.623	387.736	07	27	FEB 06,1975	
26.656	387.736	07	29	FEB 06,1975	
26.690	387.736	07	31	FEB 06,1975	
26.724	387.736	07	33	FEB 06,1975	
26.757	387.736	07	35	FEB 06,1975	
26.791	387.736	07	37	FEB 06,1975	
26.825	387.736	07	39	FEB 06,1975	
26.858	387.736	07	41	FEB 06,1975	
26.892	387.736	07	44	FEB 06,1975	

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26.926	387.736	07	46	FEB 06,1975	
26.959	387.736	07	48	FEB 06,1975	
26.993	387.736	07	50	FEB 06,1975	
27.027	387.736	07	52	FEB 06,1975	
27.060	387.736	07	54	FEB 06,1975	
27.094	387.736	07	56	FEB 06,1975	
27.128	387.747	07	58	FEB 06,1975	
27.161	387.736	08	00	FEB 06,1975	
27.195	387.736	08	02	FEB 06,1975	
27.229	387.736	08	04	FEB 06,1975	
27.262	387.736	08	06	FEB 06,1975	
27.296	387.736	08	08	FEB 06,1975	
27.329	387.736	08	10	FEB 06,1975	
27.363	387.736	08	12	FEB 06,1975	
27.397	387.736	08	14	FEB 06,1975	
27.430	387.736	08	16	FEB 06,1975	
27.464	387.736	08	18	FEB 06,1975	
27.498	387.736	08	20	FEB 06,1975	
27.531	387.736	08	22	FEB 06,1975	
27.565	387.736	08	24	FEB 06,1975	
27.599	387.736	08	26	FEB 06,1975	
27.632	387.736	08	28	FEB 06,1975	
27.666	387.736	08	30	FEB 06,1975	
27.700	387.736	08	32	FEB 06,1975	
27.733	387.736	08	34	FEB 06,1975	
27.767	387.736	08	36	FEB 06,1975	
27.801	387.736	08	38	FEB 06,1975	
27.834	387.736	08	40	FEB 06,1975	
27.868	387.736	08	42	FEB 06,1975	
27.902	387.736	08	44	FEB 06,1975	
27.935	387.736	08	46	FEB 06,1975	
27.969	387.736	08	48	FEB 06,1975	
28.003	387.736	08	50	FEB 06,1975	
28.036	387.736	08	52	FEB 06,1975	
28.070	387.736	08	54	FEB 06,1975	
28.104	387.736	08	56	FEB 06,1975	
28.137	387.736	08	58	FEB 06,1975	
28.171	387.736	09	00	FEB 06,1975	
28.205	387.736	09	02	FEB 06,1975	
28.238	387.736	09	04	FEB 06,1975	

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  TIME       (PSI)                     HR MIN

 28.272     387.736                    09   06 FEB 06,1975
 28.306     387.724                    09   08 FEB 06,1975
 28.339     387.736                    09   10 FEB 06,1975
 28.373     387.736                    09   12 FEB 06,1975
 28.407     387.736                    09   14 FEB 06,1975
 28.440     387.736                    09   16 FEB 06,1975
 28.474     387.736                    09   18 FEB 06,1975
 28.507     387.736                    09   20 FEB 06,1975
 28.541     387.736                    09   22 FEB 06,1975
 28.575     387.736                    09   24 FEB 06,1975
 28.608     387.724                    09   27 FEB 06,1975
 28.642     387.736                    09   29 FEB 06,1975
 28.676     387.736                    09   31 FEB 06,1975
 28.709     387.736                    09   33 FEB 06,1975
 28.743     387.736                    09   35 FEB 06,1975
 28.777     387.736                    09   37 FEB 06,1975
 28.810     387.736                    09   39 FEB 06,1975
 28.844     387.736                    09   41 FEB 06,1975
 28.878     387.736                    09   43 FEB 06,1975
 28.911     387.736                    09   45 FEB 06,1975
 28.945     387.736                    09   47 FEB 06,1975
 28.979     387.736                    09   49 FEB 06,1975
 29.012     387.736                    09   51 FEB 06,1975
 29.046     387.736                    09   53 FEB 06,1975
 29.080     387.736                    09   55 FEB 06,1975
 29.113     387.736                    09   57 FEB 06,1975
 29.147     387.736                    09   59 FEB 06,1975
 29.181     387.736                    10   01 FEB 06,1975
 29.214     387.736                    10   03 FEB 06,1975
 29.248     387.736                    10   05 FEB 06,1975
 29.282     387.736                    10   07 FEB 06,1975
 29.315     387.736                    10   09 FEB 06,1975
 29.349     387.736                    10   11 FEB 06,1975
 29.383     387.736                    10   13 FEB 06,1975
 29.416     387.736                    10   15 FEB 06,1975
 29.450     387.736                    10   17 FEB 06,1975
 29.484     387.736                    10   19 FEB 06,1975
 29.517     387.736                    10   21 FEB 06,1975
 29.551     387.736                    10   23 FEB 06,1975
 29.585     387.736                    10   25 FEB 06,1975
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29.618	387.736	10	27	FEB 06,1975	
29.652	387.736	10	29	FEB 06,1975	
29.685	387.736	10	31	FEB 06,1975	
29.719	387.736	10	33	FEB 06,1975	
29.753	387.736	10	35	FEB 06,1975	
29.786	387.736	10	37	FEB 06,1975	
29.820	387.736	10	39	FEB 06,1975	
29.854	387.736	10	41	FEB 06,1975	
29.887	387.736	10	43	FEB 06,1975	
29.921	387.736	10	45	FEB 06,1975	
29.955	387.736	10	47	FEB 06,1975	
29.988	387.736	10	49	FEB 06,1975	
30.022	387.736	10	51	FEB 06,1975	
30.056	387.736	10	53	FEB 06,1975	
30.089	387.736	10	55	FEB 06,1975	
30.123	387.736	10	57	FEB 06,1975	
30.157	387.736	10	59	FEB 06,1975	
30.190	387.736	11	01	FEB 06,1975	
30.224	387.736	11	03	FEB 06,1975	
30.258	387.736	11	05	FEB 06,1975	
30.291	387.736	11	07	FEB 06,1975	
30.325	387.736	11	09	FEB 06,1975	
30.359	387.736	11	12	FEB 06,1975	
30.392	387.736	11	14	FEB 06,1975	
30.426	387.736	11	16	FEB 06,1975	
30.460	387.736	11	18	FEB 06,1975	
30.493	387.724	11	20	FEB 06,1975	
30.527	387.736	11	22	FEB 06,1975	
30.561	387.736	11	24	FEB 06,1975	
30.594	387.736	11	26	FEB 06,1975	
30.628	387.736	11	28	FEB 06,1975	
30.662	387.736	11	30	FEB 06,1975	
30.695	387.736	11	32	FEB 06,1975	
30.729	387.736	11	34	FEB 06,1975	
30.762	387.736	11	36	FEB 06,1975	
30.796	387.736	11	38	FEB 06,1975	
30.830	387.736	11	40	FEB 06,1975	
30.863	387.736	11	42	FEB 06,1975	
30.897	387.736	11	44	FEB 06,1975	
30.931	387.736	11	46	FEB 06,1975	

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30.964	387.736	11 48	FEB 06,1975	
30.998	387.736	11 50	FEB 06,1975	
31.032	387.736	11 52	FEB 06,1975	
31.065	387.736	11 54	FEB 06,1975	
31.099	387.736	11 56	FEB 06,1975	
31.133	387.736	11 58	FEB 06,1975	
31.166	387.736	12 00	FEB 06,1975	
31.200	387.736	12 02	FEB 06,1975	
31.234	387.736	12 04	FEB 06,1975	
31.267	387.747	12 06	FEB 06,1975	
31.301	387.747	12 08	FEB 06,1975	
31.335	387.747	12 10	FEB 06,1975	
31.368	387.747	12 12	FEB 06,1975	
31.402	387.736	12 14	FEB 06,1975	
31.436	387.736	12 16	FEB 06,1975	
31.469	387.747	12 18	FEB 06,1975	
31.503	387.747	12 20	FEB 06,1975	
31.537	387.736	12 22	FEB 06,1975	
31.570	387.747	12 24	FEB 06,1975	
31.604	387.747	12 26	FEB 06,1975	
31.638	387.747	12 28	FEB 06,1975	
31.671	387.747	12 30	FEB 06,1975	
31.705	387.747	12 32	FEB 06,1975	
31.739	387.747	12 34	FEB 06,1975	
31.772	387.747	12 36	FEB 06,1975	
31.806	387.747	12 38	FEB 06,1975	
31.840	387.747	12 40	FEB 06,1975	
31.873	387.747	12 42	FEB 06,1975	
31.907	387.747	12 44	FEB 06,1975	
31.940	387.747	12 46	FEB 06,1975	
31.974	387.747	12 48	FEB 06,1975	
32.008	387.747	12 50	FEB 06,1975	
32.041	387.747	12 52	FEB 06,1975	
32.075	387.747	12 55	FEB 06,1975	
32.109	387.747	12 57	FEB 06,1975	
32.142	387.747	12 59	FEB 06,1975	
32.176	387.747	13 01	FEB 06,1975	
32.210	387.736	13 03	FEB 06,1975	
32.243	387.747	13 05	FEB 06,1975	
32.277	387.759	13 07	FEB 06,1975	

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32.311	387.747	13	09	FEB 06,1975	
32.344	387.747	13	11	FEB 06,1975	
32.378	387.747	13	13	FEB 06,1975	
32.412	387.747	13	15	FEB 06,1975	
32.445	387.747	13	17	FEB 06,1975	
32.479	387.747	13	19	FEB 06,1975	
32.513	387.736	13	21	FEB 06,1975	
32.546	387.736	13	23	FEB 06,1975	
32.580	387.736	13	25	FEB 06,1975	
32.614	387.736	13	27	FEB 06,1975	
32.647	387.736	13	29	FEB 06,1975	
32.681	387.736	13	31	FEB 06,1975	
32.715	387.736	13	33	FEB 06,1975	
32.748	387.736	13	35	FEB 06,1975	
32.782	387.747	13	37	FEB 06,1975	
32.816	387.747	13	39	FEB 06,1975	
32.849	387.747	13	41	FEB 06,1975	
32.883	387.736	13	43	FEB 06,1975	
32.917	387.736	13	45	FEB 06,1975	
32.950	387.747	13	47	FEB 06,1975	
32.984	387.736	13	49	FEB 06,1975	
33.018	387.736	13	51	FEB 06,1975	
33.051	387.736	13	53	FEB 06,1975	
33.085	387.736	13	55	FEB 06,1975	
33.118	387.736	13	57	FEB 06,1975	
33.152	387.747	13	59	FEB 06,1975	
33.186	387.736	14	01	FEB 06,1975	
33.219	387.736	14	03	FEB 06,1975	
33.253	387.736	14	05	FEB 06,1975	
33.287	387.736	14	07	FEB 06,1975	
33.320	387.724	14	09	FEB 06,1975	
33.354	387.736	14	11	FEB 06,1975	
33.388	387.736	14	13	FEB 06,1975	
33.421	387.736	14	15	FEB 06,1975	
33.455	387.736	14	17	FEB 06,1975	
33.489	387.736	14	19	FEB 06,1975	
33.522	387.736	14	21	FEB 06,1975	END JETTING TO
33.556	387.724	14	23	FEB 06,1975	START RECOVERY
33.590	387.724	14	25	FEB 06,1975	
33.623	387.736	14	27	FEB 06,1975	

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33.657	387.736	14	29	FEB 06,1975	
33.691	387.736	14	31	FEB 06,1975	
33.724	387.736	14	33	FEB 06,1975	
33.758	387.736	14	35	FEB 06,1975	
33.792	387.736	14	37	FEB 06,1975	
33.825	387.736	14	40	FEB 06,1975	
33.859	387.736	14	42	FEB 06,1975	
33.893	387.736	14	44	FEB 06,1975	
33.926	387.736	14	46	FEB 06,1975	
33.960	387.736	14	48	FEB 06,1975	
33.994	387.736	14	50	FEB 06,1975	
34.027	387.736	14	52	FEB 06,1975	
34.061	387.736	14	54	FEB 06,1975	
34.095	387.736	14	56	FEB 06,1975	
34.128	387.736	14	58	FEB 06,1975	
34.162	387.736	15	00	FEB 06,1975	
34.196	387.736	15	02	FEB 06,1975	
34.229	387.736	15	04	FEB 06,1975	
34.263	387.736	15	06	FEB 06,1975	
34.296	387.736	15	08	FEB 06,1975	
34.330	387.735	15	10	FEB 06,1975	
34.364	387.736	15	12	FEB 06,1975	
34.397	387.736	15	14	FEB 06,1975	
34.431	387.736	15	16	FEB 06,1975	
34.465	387.736	15	18	FEB 06,1975	
34.498	387.736	15	20	FEB 06,1975	
34.532	387.736	15	22	FEB 06,1975	
34.566	387.736	15	24	FEB 06,1975	
34.599	387.736	15	26	FEB 06,1975	
34.633	387.747	15	28	FEB 06,1975	
34.667	387.747	15	30	FEB 06,1975	
34.700	387.747	15	32	FEB 06,1975	
34.734	387.747	15	34	FEB 06,1975	
34.768	397.747	15	36	FEB 06,1975	
34.801	387.747	15	38	FEB 06,1975	
34.835	387.747	15	40	FEB 06,1975	
34.869	387.747	15	42	FEB 06,1975	
34.902	387.747	15	44	FEB 06,1975	
34.936	387.759	15	46	FEB 06,1975	
34.970	387.759	15	48	FEB 06,1975	

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35.003	387.747	15	50	FEB 06,1975	
35.037	387.747	15	52	FEB 06,1975	
35.071	387.747	15	54	FEB 06,1975	
35.104	387.770	15	56	FEB 06,1975	
35.138	387.770	15	58	FEB 06,1975	
35.172	387.782	16	00	FEB 06,1975	
35.205	387.770	16	02	FEB 06,1975	
35.239	387.770	16	04	FEB 06,1975	
35.273	387.770	16	06	FEB 06,1975	
35.306	387.782	16	08	FEB 06,1975	
35.340	387.770	16	10	FEB 06,1975	
35.374	387.770	16	12	FEB 06,1975	
35.407	387.759	16	14	FEB 06,1975	
35.441	387.747	16	16	FEB 06,1975	
35.474	387.747	16	18	FEB 06,1975	
35.508	387.759	16	20	FEB 06,1975	
35.542	387.759	16	23	FEB 06,1975	
35.575	387.747	16	25	FEB 06,1975	
35.609	387.770	16	27	FEB 06,1975	
35.643	387.759	16	29	FEB 06,1975	
35.676	387.759	16	31	FEB 06,1975	
35.710	387.747	16	33	FEB 06,1975	
35.744	387.747	16	35	FEB 06,1975	
35.777	387.736	16	37	FEB 06,1975	
35.811	387.759	16	39	FEB 06,1975	
35.845	387.770	16	41	FEB 06,1975	
35.878	387.770	16	43	FEB 06,1975	
35.912	387.747	16	45	FEB 06,1975	
35.946	387.736	16	47	FEB 06,1975	
35.979	387.736	16	49	FEB 06,1975	
36.013	387.736	16	51	FEB 06,1975	
36.047	387.736	16	53	FEB 06,1975	
36.080	387.736	16	55	FEB 06,1975	
36.114	387.712	16	57	FEB 06,1975	
36.148	387.712	16	59	FEB 06,1975	
36.181	387.712	17	01	FEB 06,1975	
36.215	387.712	17	03	FEB 06,1975	
36.249	387.712	17	05	FEB 06,1975	
36.282	387.669	17	07	FEB 06,1975	
36.316	387.678	17	09	FEB 06,1975	

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36.350	387.678	17	11	FEB 06,1975	
36.383	387.689	17	13	FEB 06,1975	
36.417	387.689	17	15	FEB 06,1975	
36.451	387.701	17	17	FEB 06,1975	
36.484	387.712	17	19	FEB 06,1975	
36.518	387.724	17	21	FEB 06,1975	
36.552	387.724	17	23	FEB 06,1975	
36.585	387.712	17	25	FEB 06,1975	
36.619	387.724	17	27	FEB 06,1975	
36.652	387.724	17	29	FEB 06,1975	
36.686	387.724	17	31	FEB 06,1975	
36.720	387.724	17	33	FEB 06,1975	
36.753	387.736	17	35	FEB 06,1975	
36.787	387.736	17	37	FEB 06,1975	
36.821	387.736	17	39	FEB 06,1975	
36.854	387.736	17	41	FEB 06,1975	
36.888	387.736	17	43	FEB 06,1975	
36.922	387.736	17	45	FEB 06,1975	
36.955	387.736	17	47	FEB 06,1975	
36.989	387.736	17	49	FEB 06,1975	
37.023	387.736	17	51	FEB 06,1975	
37.056	387.724	17	53	FEB 06,1975	
37.090	387.736	17	55	FEB 06,1975	
37.124	387.770	17	57	FEB 06,1975	
37.157	387.759	17	59	FEB 06,1975	
37.191	387.747	18	01	FEB 06,1975	
37.225	387.747	18	03	FEB 06,1975	
37.258	387.747	18	05	FEB 06,1975	
37.292	387.747	18	08	FEB 06,1975	
37.326	387.747	18	10	FEB 06,1975	
37.359	387.747	18	12	FEB 06,1975	
37.393	387.747	18	14	FEB 06,1975	
37.427	387.736	18	16	FEB 06,1975	
37.460	387.736	18	18	FEB 06,1975	
37.494	387.747	18	20	FEB 06,1975	
37.528	387.747	18	22	FEB 06,1975	
37.561	387.747	18	24	FEB 06,1975	
37.595	387.747	18	26	FEB 06,1975	
37.629	387.747	18	28	FEB 06,1975	
37.662	387.747	18	30	FEB 06,1975	

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JOB NUMBER                                                            DATE OF JOB
SPG-11228-9                                                    FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                      DATE OF RUN
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                                     SPERRY-SUN
                     PRECISION SUBSURFACE PRESSURE GAUGE REPORT

   DELTA     PRESSURE                          TIME      DATE                COMMENTS
   TIME      (PSI)                            HR MIN

   37.696    387.747                          18   32 FEB 06,1975
   37.729    387.747                          18   34 FEB 06,1975
   37.763    387.747                          18   36 FEB 06,1975
   37.797    387.759                          18   38 FEB 06,1975
   37.830    387.759                          18   40 FEB 06,1975
   37.864    387.759                          18   42 FEB 06,1975
   37.898    387.759                          18   44 FEB 06,1975
   37.931    387.747                          18   46 FEB 06,1975
   37.965    387.759                          18   48 FEB 06,1975
   37.999    387.747                          18   50 FEB 06,1975
   38.032    387.759                          18   52 FEB 06,1975
   38.066    387.759                          18   54 FEB 06,1975
   38.100    387.770                          18   56 FEB 06,1975
   38.133    387.770                          18   58 FEB 06,1975   UNSEAT PACKERS
   38.167    387.805                          19   00 FEB 06,1975   END OF TEST




                         1135 POINTS REPORTED THIS RUN

                                    PAGE 30
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JOB NUMBER
SPG-11228-9
MPT #10

DATE OF JOB
FEBRUARY 5-6, 1975

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER	SG-1
FIELD/LEASE	SORGHUM GULCH
COUNTY/PARISH	RIO BLANCO
STATE	COLORADO
TYPE OF TEST	MPT
REFERENCE ELEV	GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO. 140 WITH 500 PSI ELEMENT

GAUGE DEPTH 978 FEET   MIDDLE GAUGE

ZONE FOR GAUGE NO. 140 968 FT - 1008 FT

INITIAL HYDROSTATIC 395.241 PSI

FINAL HYDROSTATIC 395.435 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 968 FT. AND 1008 FT. TD=2522 FT.

1126 POINTS REPORTED THIS JOB

PAGE 1 OF 31 PAGES

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JOB NUMBER                                                    DATE OF JOB
SPG-11228-2                                              FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                              DATE OF RUN
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                                 SPERRY-SUN
                  PRECISION SUBSURFACE PRESSURE GAUGE REPORT


   DELTA     PRESSURE                  TIME      DATE             COMMENTS
   TIME       (PSI)                   HR MIN

   0.002     -15.365                  04  50 FEB 05,1975    SET PACKER AT
   0.036     -15.365                  04  52 FEB 05,1975    A TIME OF 0450
   0.067     -15.365                  04  54 FEB 05,1975    2-05-75
   0.537     394.206                  05  22 FEB 05,1975
   0.570     396.502                  05  24 FEB 05,1975
   0.604     397.352                  05  26 FEB 05,1975
   0.637     398.006                  05  28 FEB 05,1975
   0.671     398.213                  05  30 FEB 05,1975
   0.704     398.259                  05  32 FEB 05,1975
   0.738     398.282                  05  34 FEB 05,1975
   0.771     398.293                  05  36 FEB 05,1975
   0.805     398.282                  05  38 FEB 05,1975
   0.838     398.293                  05  40 FEB 05,1975
   0.872     398.282                  05  42 FEB 05,1975
   0.906     398.270                  05  44 FEB 05,1975
   0.939     398.259                  05  46 FEB 05,1975
   0.973     398.259                  05  48 FEB 05,1975
   1.006     398.224                  05  50 FEB 05,1975
   1.040     398.224                  05  52 FEB 05,1975
   1.073     398.213                  05  54 FEB 05,1975
   1.107     398.201                  05  56 FEB 05,1975
   1.140     398.178                  05  58 FEB 05,1975
   1.174     398.190                  06  00 FEB 05,1975
   1.207     398.167                  06  02 FEB 05,1975
   1.241     398.167                  06  04 FEB 05,1975
   1.274     398.155                  06  06 FEB 05,1975
   1.308     398.144                  06  08 FEB 05,1975
   1.342     398.132                  06  10 FEB 05,1975
   1.375     398.132                  06  13 FEB 05,1975
   1.409     398.110                  06  15 FEB 05,1975
   1.442     398.132                  06  17 FEB 05,1975
   1.476     398.098                  06  19 FEB 05,1975
   1.509     398.098                  06  21 FEB 05,1975
   1.543     398.098                  06  23 FEB 05,1975
   1.576     398.098                  06  25 FEB 05,1975
   1.610     398.087                  06  27 FEB 05,1975
   1.643     398.110                  06  29 FEB 05,1975
   1.677     398.087                  06  31 FEB 05,1975
   1.710     398.087                  06  33 FEB 05,1975
   1.744     398.064                  06  35 FEB 05,1975
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JOB NUMBER                                                                   DATE OF JOB
SPG-11228-9                                                         FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                             DATE OF RUN
140 MPT-10

                                     SPERRY-SUN
                    PRECISION SUBSURFACE PRESSURE GAUGE REPORT


      DELTA     PRESSURE                    TIME      DATE                  COMMENTS
      TIME       (PSI)                     HR MIN

      1.778     398.075                    06   37 FEB 05,1975
      1.811     398.064                    06   39 FEB 05,1975
      1.845     398.018                    06   41 FEB 05,1975
      1.878     398.018                    06   43 FEB 05,1975
      1.912     398.006                    06   45 FEB 05,1975
      1.945     397.995                    06   47 FEB 05,1975
      1.979     397.995                    06   49 FEB 05,1975
      2.012     397.983                    06   51 FEB 05,1975
      2.046     397.949                    06   53 FEB 05,1975
      2.079     397.972                    06   55 FEB 05,1975
      2.113     397.960                    06   57 FEB 05,1975
      2.146     397.926                    06   59 FEB 05,1975
      2.180     397.914                    07   01 FEB 05,1975
      2.214     397.903                    07   03 FEB 05,1975
      2.247     397.926                    07   05 FEB 05,1975
      2.281     397.903                    07   07 FEB 05,1975
      2.314     397.903                    07   09 FEB 05,1975
      2.348     397.903                    07   11 FEB 05,1975
      2.381     397.914                    07   13 FEB 05,1975
      2.415     397.891                    07   15 FEB 05,1975
      2.448     397.891                    07   17 FEB 05,1975
      2.482     397.926                    07   19 FEB 05,1975
      2.515     397.914                    07   21 FEB 05,1975
      2.549     397.903                    07   23 FEB 05,1975
      2.582     397.949                    07   25 FEB 05,1975
      2.616     397.926                    07   27 FEB 05,1975
      2.650     397.949                    07   29 FEB 05,1975
      2.683     397.937                    07   31 FEB 05,1975
      2.717     397.949                    07   33 FEB 05,1975
      2.750     397.949                    07   35 FEB 05,1975
      2.784     397.949                    07   37 FEB 05,1975
      2.817     397.949                    07   39 FEB 05,1975
      2.851     397.949                    07   41 FEB 05,1975
      2.884     397.960                    07   43 FEB 05,1975
      2.918     397.960                    07   45 FEB 05,1975
      2.951     397.949                    07   47 FEB 05,1975
      2.985     397.960                    07   49 FEB 05,1975
      3.018     397.949                    07   51 FEB 05,1975
      3.052     397.972                    07   53 FEB 05,1975
      3.085     397.983                    07   55 FEB 05,1975
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JOB NUMBER                                                              DATE OF JOB
SPG-11228-9                                                      FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                        DATE OF RUN
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                                  SPERRY-SUN
                    PRECISION SUBSURFACE PRESSURE GAUGE REPORT


      DELTA    PRESSURE                     TIME     DATE                  COMMENTS
      TIME      (PSI)                      HR MIN

      3.119    397.983                     07  57 FEB 05,1975
      3.153    398.006                     07  59 FEB 05,1975
      3.186    397.995                     08  01 FEB 05,1975
      3.220    398.006                     08  03 FEB 05,1975
      3.253    398.006                     08  05 FEB 05,1975
      3.287    398.029                     08  07 FEB 05,1975
      3.320    398.029                     08  09 FEB 05,1975
      3.354    398.052                     08  11 FEB 05,1975
      3.387    398.064                     08  13 FEB 05,1975
      3.421    398.064                     08  15 FEB 05,1975
      3.454    398.075                     08  17 FEB 05,1975
      3.488    398.064                     08  19 FEB 05,1975
      3.521    398.110                     08  21 FEB 05,1975
      3.555    398.075                     08  23 FEB 05,1975
      3.589    398.006                     08  25 FEB 05,1975
      3.622    397.949                     08  27 FEB 05,1975
      3.656    397.949                     08  29 FEB 05,1975
      3.689    397.914                     08  31 FEB 05,1975
      3.723    397.903                     08  33 FEB 05,1975
      3.756    397.903                     08  35 FEB 05,1975
      3.790    397.903                     08  37 FEB 05,1975
      3.823    397.926                     08  39 FEB 05,1975
      3.857    397.960                     08  41 FEB 05,1975
      3.891    397.949                     08  43 FEB 05,1975
      3.924    397.960                     08  45 FEB 05,1975
      3.957    397.960                     08  47 FEB 05,1975
      3.991    398.006                     08  49 FEB 05,1975
      4.025    398.018                     08  51 FEB 05,1975
      4.058    398.018                     08  53 FEB 05,1975
      4.092    398.029                     08  55 FEB 05,1975
      4.125    398.064                     08  56 FEB 05,1975
      4.159    398.029                     09  00 FEB 05,1975
      4.192    398.075                     09  02 FEB 05,1975
      4.226    398.075                     09  04 FEB 05,1975
      4.259    398.087                     09  06 FEB 05,1975
      4.293    398.087                     09  08 FEB 05,1975
      4.326    398.087                     09  10 FEB 05,1975
      4.361    398.087                     09  12 FEB 05,1975
      4.393    398.098                     09  14 FEB 05,1975
      4.427    398.098                     09  16 FEB 05,1975
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JOB NUMBER
SPG-11228-[illegible]

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
4.461	398.110	09	18	FEB 05,1975	
4.494	398.110	09	20	FEB 05,1975	
4.528	398.132	09	22	FEB 05,1975	
4.561	398.110	09	24	FEB 05,1975	
4.595	398.121	09	26	FEB 05,1975	
4.628	398.121	09	28	FEB 05,1975	
4.662	398.121	09	30	FEB 05,1975	
4.695	398.098	09	32	FEB 05,1975	
4.729	398.110	09	34	FEB 05,1975	
4.762	398.132	09	36	FEB 05,1975	
4.796	398.132	09	38	FEB 05,1975	
4.829	398.144	09	40	FEB 05,1975	
4.863	398.144	09	42	FEB 05,1975	
4.897	398.155	09	44	FEB 05,1975	
4.930	398.155	09	46	FEB 05,1975	
4.964	398.178	09	48	FEB 05,1975	
4.997	398.167	09	50	FEB 05,1975	
5.031	398.190	09	52	FEB 05,1975	
5.064	398.178	09	54	FEB 05,1975	
5.098	398.190	09	56	FEB 05,1975	
5.131	398.178	09	58	FEB 05,1975	
5.165	398.190	10	00	FEB 05,1975	
5.198	398.190	10	02	FEB 05,1975	
5.232	398.190	10	04	FEB 05,1975	
5.265	398.190	10	06	FEB 05,1975	
5.299	398.213	10	08	FEB 05,1975	
5.333	398.213	10	10	FEB 05,1975	
5.366	398.190	10	12	FEB 05,1975	
5.400	398.190	10	14	FEB 05,1975	
5.433	398.224	10	16	FEB 05,1975	
5.467	398.213	10	18	FEB 05,1975	
5.500	398.201	10	20	FEB 05,1975	
5.534	398.201	10	22	FEB 05,1975	
5.567	398.190	10	24	FEB 05,1975	
5.601	398.213	10	26	FEB 05,1975	
5.634	398.213	10	28	FEB 05,1975	
5.668	398.213	10	30	FEB 05,1975	
5.701	398.213	10	32	FEB 05,1975	
5.735	398.213	10	34	FEB 05,1975	
5.769	398.190	10	36	FEB 05,1975	

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
5.802	398.213	10	38	FEB 05,1975	
5.836	398.213	10	40	FEB 05,1975	
5.869	398.213	10	42	FEB 05,1975	
5.903	398.201	10	44	FEB 05,1975	
5.936	398.236	10	46	FEB 05,1975	
5.970	398.247	10	48	FEB 05,1975	
6.003	398.247	10	50	FEB 05,1975	
6.037	398.282	10	52	FEB 05,1975	
6.070	398.305	10	54	FEB 05,1975	
6.104	398.305	10	56	FEB 05,1975	
6.137	398.305	10	58	FEB 05,1975	
6.171	398.351	11	00	FEB 05,1975	
6.205	398.374	11	02	FEB 05,1975	
6.238	398.385	11	04	FEB 05,1975	
6.272	398.419	11	06	FEB 05,1975	
6.305	398.419	11	08	FEB 05,1975	
6.339	398.408	11	10	FEB 05,1975	
6.372	398.408	11	12	FEB 05,1975	
6.406	398.397	11	14	FEB 05,1975	
6.439	398.397	11	16	FEB 05,1975	
6.473	398.339	11	18	FEB 05,1975	
6.506	398.385	11	20	FEB 05,1975	
6.540	398.385	11	22	FEB 05,1975	
6.573	398.374	11	24	FEB 05,1975	
6.607	398.374	11	26	FEB 05,1975	
6.641	398.351	11	28	FEB 05,1975	
6.674	398.362	11	30	FEB 05,1975	
6.708	398.362	11	32	FEB 05,1975	
6.741	398.351	11	34	FEB 05,1975	
6.775	398.351	11	36	FEB 05,1975	
6.808	398.351	11	38	FEB 05,1975	
6.842	398.339	11	41	FEB 05,1975	
6.875	398.339	11	43	FEB 05,1975	
6.909	398.328	11	45	FEB 05,1975	
6.942	398.339	11	47	FEB 05,1975	
6.976	398.339	11	49	FEB 05,1975	
7.009	398.339	11	51	FEB 05,1975	
7.043	398.316	11	53	FEB 05,1975	
7.077	398.351	11	55	FEB 05,1975	
7.110	398.328	11	57	FEB 05,1975	

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DATE OF JOB
FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
7.144	398.500	11	59	FEB 05,1975	
7.177	398.640	12	01	FEB 05,1975	
7.211	398.752	12	03	FEB 05,1975	
7.244	398.810	12	05	FEB 05,1975	
7.278	398.810	12	07	FEB 05,1975	
7.311	398.844	12	09	FEB 05,1975	
7.345	398.821	12	11	FEB 05,1975	
7.378	398.787	12	13	FEB 05,1975	
7.412	398.775	12	15	FEB 05,1975	
7.445	398.741	12	17	FEB 05,1975	
7.479	398.764	12	19	FEB 05,1975	
7.513	398.821	12	21	FEB 05,1975	
7.546	399.039	12	23	FEB 05,1975	
7.580	399.349	12	25	FEB 05,1975	
7.613	399.694	12	27	FEB 05,1975	
7.647	400.027	12	29	FEB 05,1975	
7.680	400.382	12	31	FEB 05,1975	
7.714	400.715	12	33	FEB 05,1975	
7.747	401.037	12	35	FEB 05,1975	START TESTING
7.781	401.347	12	37	FEB 05,1975	TO SEE IF PACK
7.814	401.645	12	39	FEB 05,1975	ERS SET BEFORE
7.848	401.978	12	41	FEB 05,1975	START OF JET
7.881	402.208	12	43	FEB 05,1975	TEST
7.915	402.231	12	45	FEB 05,1975	
7.949	402.196	12	47	FEB 05,1975	
7.982	402.093	12	49	FEB 05,1975	
8.016	402.081	12	51	FEB 05,1975	
8.049	401.829	12	53	FEB 05,1975	
8.083	401.630	12	55	FEB 05,1975	
8.116	401.760	12	57	FEB 05,1975	
8.150	401.416	12	59	FEB 05,1975	
8.183	401.255	13	01	FEB 05,1975	
8.217	401.140	13	03	FEB 05,1975	
8.250	401.025	13	05	FEB 05,1975	
8.284	400.922	13	07	FEB 05,1975	
8.317	400.607	13	09	FEB 05,1975	
8.351	400.715	13	11	FEB 05,1975	
8.385	400.624	13	13	FEB 05,1975	
8.418	400.543	13	15	FEB 05,1975	
8.452	400.474	13	17	FEB 05,1975	

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
8.485	400.405	13	19	FEB 05,1975	
8.519	400.337	13	21	FEB 05,1975	
8.552	400.291	13	23	FEB 05,1975	
8.586	400.199	13	25	FEB 05,1975	
8.619	400.153	13	27	FEB 05,1975	
8.653	400.118	13	29	FEB 05,1975	
8.686	400.084	13	31	FEB 05,1975	
8.720	400.050	13	33	FEB 05,1975	
8.753	400.004	13	35	FEB 05,1975	
8.787	399.969	13	37	FEB 05,1975	
8.820	399.935	13	39	FEB 05,1975	
8.854	399.889	13	41	FEB 05,1975	
8.888	399.854	13	43	FEB 05,1975	
8.921	399.831	13	45	FEB 05,1975	
8.955	399.809	13	47	FEB 05,1975	
8.988	399.774	13	49	FEB 05,1975	
9.022	399.728	13	51	FEB 05,1975	
9.055	399.740	13	53	FEB 05,1975	
9.089	399.717	13	55	FEB 05,1975	
9.122	399.652	13	57	FEB 05,1975	
9.156	399.659	13	59	FEB 05,1975	
9.189	399.659	14	01	FEB 05,1975	
9.223	399.636	14	03	FEB 05,1975	
9.256	399.590	14	05	FEB 05,1975	
9.290	399.579	14	07	FEB 05,1975	
9.324	399.544	14	09	FEB 05,1975	
9.357	399.522	14	11	FEB 05,1975	
9.391	399.487	14	13	FEB 05,1975	
9.424	399.453	14	15	FEB 05,1975	
9.458	399.430	14	17	FEB 05,1975	
9.491	399.384	14	19	FEB 05,1975	
9.525	399.372	14	21	FEB 05,1975	START JETTING
9.558	399.338	14	23	FEB 05,1975	
9.592	399.338	14	26	FEB 05,1975	
9.625	399.315	14	28	FEB 05,1975	
9.659	399.315	14	30	FEB 05,1975	
9.692	399.235	14	32	FEB 05,1975	
9.726	398.519	14	34	FEB 05,1975	
9.760	398.178	14	36	FEB 05,1975	
9.793	397.524	14	38	FEB 05,1975	

JOB NUMBER
SPG-11228-[illegible]

DATE OF JOB
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GAUGE/RUN NUMBER
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DATE OF RUN

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
9.827	396.881	14	40	FEB 05,1975	
9.860	396.307	14	42	FEB 05,1975	
9.894	395.687	14	44	FEB 05,1975	
9.927	395.136	14	46	FEB 05,1975	
9.961	394.597	14	48	FEB 05,1975	
9.994	394.126	14	50	FEB 05,1975	
10.028	393.678	14	52	FEB 05,1975	
10.061	393.288	14	54	FEB 05,1975	
10.095	392.895	14	56	FEB 05,1975	
10.128	392.553	14	58	FEB 05,1975	
10.162	392.232	15	00	FEB 05,1975	
10.196	391.922	15	02	FEB 05,1975	
10.229	391.624	15	04	FEB 05,1975	
10.263	391.337	15	06	FEB 05,1975	
10.296	391.110	15	08	FEB 05,1975	
10.330	390.866	15	10	FEB 05,1975	
10.363	390.625	15	12	FEB 05,1975	
10.397	390.395	15	14	FEB 05,1975	
10.431	390.200	15	16	FEB 05,1975	
10.464	390.016	15	18	FEB 05,1975	
10.497	389.833	15	20	FEB 05,1975	
10.531	389.626	15	22	FEB 05,1975	
10.564	389.477	15	24	FEB 05,1975	
10.598	389.293	15	26	FEB 05,1975	
10.632	389.134	15	28	FEB 05,1975	
10.665	388.983	15	30	FEB 05,1975	
10.699	388.857	15	32	FEB 05,1975	
10.732	388.712	15	34	FEB 05,1975	
10.766	388.581	15	36	FEB 05,1975	
10.799	388.455	15	38	FEB 05,1975	
10.833	388.329	15	40	FEB 05,1975	
10.866	388.203	15	42	FEB 05,1975	
10.900	388.[illegible]	15	44	FEB 05,1975	
10.933	387.939	15	46	FEB 05,1975	
10.967	387.847	15	48	FEB 05,1975	
11.000	387.703	15	50	FEB 05,1975	
11.034	387.629	15	52	FEB 05,1975	
11.068	387.525	15	54	FEB 05,1975	
11.101	387.422	15	56	FEB 05,1975	
11.135	387.342	15	58	FEB 05,1975	

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JOB NUMBER                                                   DATE OF JOB
SPG-11228-0                                         FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                             DATE OF RUN
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                              SPERRY-SUN
               PRECISION SUBSURFACE PRESSURE GAUGE REPORT


    DELTA     PRESSURE                    TIME      DATE                COMMENTS
    TIME       (PSI)                     HR MIN

   11.168     387.230                    16   00 FEB 05,1975
   11.202     387.135                    16   02 FEB 05,1975
   11.235     387.055                    16   04 FEB 05,1975
   11.269     386.963                    16   06 FEB 05,1975
   11.302     386.871                    16   08 FEB 05,1975
   11.336     386.779                    16   10 FEB 05,1975
   11.369     386.697                    16   12 FEB 05,1975
   11.403     386.641                    16   14 FEB 05,1975
   11.436     386.550                    16   16 FEB 05,1975
   11.470     386.458                    16   18 FEB 05,1975
   11.504     386.320                    16   20 FEB 05,1975
   11.537     386.240                    16   22 FEB 05,1975
   11.571     386.171                    16   24 FEB 05,1975
   11.604     386.079                    16   26 FEB 05,1975
   11.638     386.021                    16   28 FEB 05,1975
   11.671     385.953                    16   30 FEB 05,1975
   11.705     385.872                    16   32 FEB 05,1975
   11.738     385.803                    16   34 FEB 05,1975
   11.772     385.734                    16   36 FEB 05,1975
   11.805     385.689                    16   38 FEB 05,1975
   11.839     385.620                    16   40 FEB 05,1975
   11.872     385.552                    16   42 FEB 05,1975
   11.906     385.516                    16   44 FEB 05,1975
   11.940     385.470                    16   46 FEB 05,1975
   11.973     385.390                    16   48 FEB 05,1975
   12.007     385.333                    16   50 FEB 05,1975
   12.040     385.275                    16   52 FEB 05,1975
   12.074     385.229                    16   54 FEB 05,1975
   12.107     385.183                    16   56 FEB 05,1975
   12.141     385.115                    16   58 FEB 05,1975
   12.174     385.069                    17   00 FEB 05,1975
   12.208     385.023                    17   02 FEB 05,1975
   12.241     384.954                    17   04 FEB 05,1975
   12.275     384.908                    17   06 FEB 05,1975
   12.308     384.873                    17   09 FEB 05,1975
   12.342     384.828                    17   11 FEB 05,1975
   12.376     384.793                    17   13 FEB 05,1975
   12.409     384.724                    17   15 FEB 05,1975
   12.443     384.690                    17   17 FEB 05,1975
   12.476     384.632                    17   19 FEB 05,1975
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JOB NUMBER                                                        DATE OF JOB
SPG-11228-9                                              FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                  DATE OF RUN
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                                SPERRY-SUN
              PRECISION SUBSURFACE PRESSURE GAUGE REPORT

   DELTA     PRESSURE                TIME       DATE                COMMENTS
   TIME       (PSI)                 HR MIN

  12.510     384.586                17  21 FEB 05,1975
  12.543     384.552                17  23 FEB 05,1975
  12.577     384.529                17  25 FEB 05,1975
  12.610     384.483                17  27 FEB 05,1975
  12.644     384.426                17  29 FEB 05,1975
  12.677     384.380                17  31 FEB 05,1975
  12.711     384.345                17  33 FEB 05,1975
  12.744     384.311                17  35 FEB 05,1975
  12.778     384.254                17  37 FEB 05,1975
  12.812     384.208                17  39 FEB 05,1975
  12.845     384.165                17  41 FEB 05,1975
  12.879     384.139                17  43 FEB 05,1975
  12.912     384.093                17  45 FEB 05,1975
  12.946     384.058                17  47 FEB 05,1975
  12.979     384.013                17  49 FEB 05,1975
  13.013     383.978                17  51 FEB 05,1975
  13.046     383.932                17  53 FEB 05,1975
  13.080     383.886                17  55 FEB 05,1975
  13.113     383.875                17  57 FEB 05,1975
  13.147     383.840                17  59 FEB 05,1975
  13.180     383.783                18  01 FEB 05,1975
  13.214     383.760                18  03 FEB 05,1975
  13.248     383.703                18  05 FEB 05,1975
  13.281     383.666                18  07 FEB 05,1975
  13.315     383.611                18  09 FEB 05,1975
  13.348     383.565                18  11 FEB 05,1975
  13.382     383.553                18  13 FEB 05,1975
  13.415     383.507                18  15 FEB 05,1975
  13.449     383.461                18  17 FEB 05,1975
  13.482     383.439                18  19 FEB 05,1975
  13.516     383.404                18  21 FEB 05,1975
  13.549     383.361                18  23 FEB 05,1975
  13.583     383.335                18  25 FEB 05,1975
  13.616     383.289                18  27 FEB 05,1975
  13.650     383.266                18  29 FEB 05,1975
  13.684     383.243                18  31 FEB 05,1975
  13.717     383.186                18  33 FEB 05,1975
  13.751     383.152                18  35 FEB 05,1975
  13.784     383.140                18  37 FEB 05,1975
  13.818     383.117                18  39 FEB 05,1975

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DATE OF RUN

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
13.851	383.083	18	41	FEB 05,1975	
13.885	383.048	18	43	FEB 05,1975	
13.918	383.014	18	45	FEB 05,1975	
13.952	382.991	18	47	FEB 05,1975	
13.985	382.979	18	49	FEB 05,1975	
14.019	382.968	18	51	FEB 05,1975	
14.052	382.933	18	53	FEB 05,1975	
14.086	382.922	18	55	FEB 05,1975	
14.119	382.922	18	57	FEB 05,1975	
14.153	382.876	18	59	FEB 05,1975	
14.187	382.853	19	01	FEB 05,1975	
14.220	382.842	19	03	FEB 05,1975	
14.254	382.819	19	05	FEB 05,1975	
14.287	382.796	19	07	FEB 05,1975	
14.321	382.773	19	09	FEB 05,1975	
14.354	382.750	19	11	FEB 05,1975	
14.388	382.727	19	13	FEB 05,1975	
14.421	382.692	19	15	FEB 05,1975	
14.455	382.669	19	17	FEB 05,1975	
14.488	382.669	19	19	FEB 05,1975	
14.522	382.646	19	21	FEB 05,1975	
14.555	382.601	19	23	FEB 05,1975	
14.589	382.612	19	25	FEB 05,1975	
14.623	382.589	19	27	FEB 05,1975	
14.656	382.566	19	29	FEB 05,1975	
14.690	382.543	19	31	FEB 05,1975	
14.723	382.509	19	33	FEB 05,1975	
14.757	382.509	19	35	FEB 05,1975	
14.790	382.463	19	37	FEB 05,1975	
14.824	382.440	19	39	FEB 05,1975	
14.857	382.428	19	41	FEB 05,1975	
14.891	382.405	19	43	FEB 05,1975	
14.924	382.382	19	45	FEB 05,1975	
14.958	382.359	19	47	FEB 05,1975	
14.991	382.336	19	49	FEB 05,1975	
15.025	382.359	19	52	FEB 05,1975	
15.059	382.314	19	54	FEB 05,1975	
15.092	382.255	19	56	FEB 05,1975	
15.126	382.243	19	58	FEB 05,1975	
15.159	382.233	20	00	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
15.193	382.222	20	02	FEB 05,1975	
15.226	382.210	20	04	FEB 05,1975	
15.260	382.199	20	06	FEB 05,1975	
15.293	382.187	20	08	FEB 05,1975	
15.327	382.187	20	10	FEB 05,1975	
15.360	382.153	20	12	FEB 05,1975	
15.394	382.153	20	14	FEB 05,1975	
15.427	382.164	20	16	FEB 05,1975	
15.461	382.130	20	18	FEB 05,1975	
15.495	382.107	20	20	FEB 05,1975	
15.529	382.095	20	22	FEB 05,1975	
15.562	382.095	20	24	FEB 05,1975	
15.595	382.061	20	26	FEB 05,1975	
15.629	382.038	20	28	FEB 05,1975	
15.662	382.038	20	30	FEB 05,1975	
15.696	382.027	20	32	FEB 05,1975	
15.729	382.004	20	34	FEB 05,1975	
15.763	381.981	20	36	FEB 05,1975	
15.796	381.981	20	38	FEB 05,1975	
15.830	381.959	20	40	FEB 05,1975	
15.863	381.946	20	42	FEB 05,1975	
15.897	381.946	20	44	FEB 05,1975	
15.931	381.923	20	46	FEB 05,1975	
15.964	381.923	20	48	FEB 05,1975	
15.998	381.889	20	50	FEB 05,1975	
16.031	381.877	20	52	FEB 05,1975	
16.065	381.866	20	54	FEB 05,1975	
16.098	381.854	20	56	FEB 05,1975	
16.132	381.843	20	58	FEB 05,1975	
16.165	381.809	21	00	FEB 05,1975	
16.199	381.797	21	02	FEB 05,1975	
16.232	381.808	21	04	FEB 05,1975	
16.266	381.774	21	06	FEB 05,1975	
16.299	381.763	21	08	FEB 05,1975	
16.333	381.751	21	10	FEB 05,1975	
16.367	381.740	21	12	FEB 05,1975	
16.400	381.717	21	14	FEB 05,1975	
16.434	381.705	21	16	FEB 05,1975	
16.467	381.671	21	18	FEB 05,1975	
16.501	381.671	21	20	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
16.534	381.671	21	22	FEB 05,1975	
16.568	381.671	21	24	FEB 05,1975	
16.601	381.648	21	26	FEB 05,1975	
16.635	381.659	21	28	FEB 05,1975	
16.668	381.636	21	30	FEB 05,1975	
16.702	381.613	21	32	FEB 05,1975	
16.735	381.636	21	34	FEB 05,1975	
16.769	381.636	21	36	FEB 05,1975	
16.803	381.602	21	38	FEB 05,1975	
16.836	381.590	21	40	FEB 05,1975	
16.870	381.556	21	42	FEB 05,1975	
16.903	381.567	21	44	FEB 05,1975	
16.937	381.556	21	46	FEB 05,1975	
16.970	381.533	21	48	FEB 05,1975	
17.004	381.510	21	50	FEB 05,1975	
17.037	381.510	21	52	FEB 05,1975	
17.071	381.476	21	54	FEB 05,1975	
17.104	381.464	21	56	FEB 05,1975	
17.138	381.464	21	58	FEB 05,1975	
17.171	381.464	22	00	FEB 05,1975	
17.205	381.430	22	02	FEB 05,1975	
17.239	381.430	22	04	FEB 05,1975	
17.272	381.430	22	06	FEB 05,1975	
17.306	381.407	22	08	FEB 05,1975	
17.339	381.372	22	10	FEB 05,1975	
17.373	381.372	22	12	FEB 05,1975	
17.406	381.384	22	14	FEB 05,1975	
17.440	381.372	22	16	FEB 05,1975	
17.473	381.349	22	18	FEB 05,1975	
17.507	381.349	22	20	FEB 05,1975	
17.540	381.349	22	22	FEB 05,1975	
17.574	381.326	22	24	FEB 05,1975	
17.607	381.303	22	26	FEB 05,1975	
17.641	381.303	22	28	FEB 05,1975	
17.675	381.315	22	30	FEB 05,1975	
17.708	381.292	22	32	FEB 05,1975	
17.742	381.257	22	34	FEB 05,1975	
17.775	381.257	22	37	FEB 05,1975	
17.809	381.246	22	39	FEB 05,1975	
17.842	381.246	22	41	FEB 05,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
17.876	381.223	22	43	FEB 05,1975	
17.909	381.223	22	45	FEB 05,1975	
17.943	381.223	22	47	FEB 05,1975	
17.976	381.200	22	49	FEB 05,1975	
18.010	381.166	22	51	FEB 05,1975	
18.043	381.177	22	53	FEB 05,1975	
18.077	381.166	22	55	FEB 05,1975	
18.111	381.154	22	57	FEB 05,1975	
18.144	381.108	22	59	FEB 05,1975	
18.178	381.108	23	01	FEB 05,1975	
18.211	381.108	23	03	FEB 05,1975	
18.245	381.085	23	05	FEB 05,1975	
18.278	381.062	23	07	FEB 05,1975	
18.312	381.062	23	09	FEB 05,1975	
18.345	381.062	23	11	FEB 05,1975	
18.379	381.039	23	13	FEB 05,1975	
18.412	381.028	23	15	FEB 05,1975	
18.446	381.016	23	17	FEB 05,1975	
18.479	381.028	23	19	FEB 05,1975	
18.513	381.028	23	21	FEB 05,1975	
18.547	381.016	23	23	FEB 05,1975	
18.580	381.005	23	25	FEB 05,1975	
18.614	381.016	23	27	FEB 05,1975	
18.647	381.005	23	29	FEB 05,1975	
18.681	380.982	23	31	FEB 05,1975	
18.714	380.993	23	33	FEB 05,1975	
18.748	380.993	23	35	FEB 05,1975	
18.781	380.993	23	37	FEB 05,1975	
18.815	380.936	23	39	FEB 05,1975	
18.848	380.947	23	41	FEB 05,1975	
18.882	380.936	23	43	FEB 05,1975	
18.915	380.902	23	45	FEB 05,1975	
18.949	380.890	23	47	FEB 05,1975	
18.983	380.867	23	49	FEB 05,1975	
19.016	380.879	23	51	FEB 05,1975	
19.050	380.856	23	53	FEB 05,1975	
19.083	380.833	23	55	FEB 05,1975	
19.117	380.833	23	57	FEB 05,1975	
19.150	380.856	23	59	FEB 05,1975	
19.184	380.856	00	01	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
19.217	380.844	00	03	FEB 06,1975	
19.251	380.844	00	05	FEB 06,1975	
19.284	380.844	00	07	FEB 06,1975	
19.316	380.821	00	09	FEB 06,1975	
19.351	380.798	00	11	FEB 06,1975	
19.385	380.798	00	13	FEB 06,1975	
19.419	380.798	00	15	FEB 06,1975	
19.452	380.793	00	17	FEB 06,1975	
19.486	380.787	00	19	FEB 06,1975	
19.519	380.787	00	21	FEB 06,1975	
19.553	380.798	00	23	FEB 06,1975	
19.586	380.752	00	25	FEB 06,1975	
19.620	380.752	00	27	FEB 06,1975	
19.653	380.752	00	29	FEB 06,1975	
19.687	380.764	00	31	FEB 06,1975	
19.720	380.764	00	33	FEB 06,1975	
19.754	380.741	00	35	FEB 06,1975	
19.787	380.741	00	37	FEB 06,1975	
19.821	380.764	00	39	FEB 06,1975	
19.854	380.752	00	41	FEB 06,1975	
19.888	380.741	00	43	FEB 06,1975	
19.922	380.741	00	45	FEB 06,1975	
19.955	380.741	00	47	FEB 06,1975	
19.989	380.741	00	49	FEB 06,1975	
20.022	380.718	00	51	FEB 06,1975	
20.056	380.729	00	53	FEB 06,1975	
20.089	380.741	00	55	FEB 06,1975	
20.123	380.718	00	57	FEB 06,1975	
20.156	380.695	00	59	FEB 06,1975	
20.190	380.695	01	01	FEB 06,1975	
20.223	380.695	01	03	FEB 06,1975	
20.257	380.683	01	05	FEB 06,1975	
20.290	380.672	01	07	FEB 06,1975	
20.324	380.683	01	09	FEB 06,1975	
20.358	380.649	01	11	FEB 06,1975	
20.391	380.660	01	13	FEB 06,1975	
20.425	380.637	01	15	FEB 06,1975	
20.458	380.637	01	17	FEB 06,1975	
20.492	380.649	01	20	FEB 06,1975	
20.525	380.626	01	22	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
20.559	380.626	01 24	FEB 06,1975	
20.592	380.603	01 26	FEB 06,1975	
20.626	380.615	01 28	FEB 06,1975	
20.659	380.603	01 30	FEB 06,1975	
20.693	380.592	01 32	FEB 06,1975	
20.726	380.592	01 34	FEB 06,1975	
20.760	380.592	01 36	FEB 06,1975	
20.794	380.592	01 38	FEB 06,1975	
20.827	380.592	01 40	FEB 06,1975	
20.861	380.569	01 42	FEB 06,1975	
20.894	380.580	01 44	FEB 06,1975	
20.928	380.580	01 46	FEB 06,1975	
20.961	380.569	01 48	FEB 06,1975	
20.995	380.569	01 50	FEB 06,1975	
21.028	380.569	01 52	FEB 06,1975	
21.062	380.557	01 54	FEB 06,1975	
21.095	380.534	01 56	FEB 06,1975	
21.129	380.546	01 58	FEB 06,1975	
21.162	380.546	02 00	FEB 06,1975	
21.196	380.557	02 02	FEB 06,1975	
21.230	380.534	02 04	FEB 06,1975	
21.263	380.511	02 06	FEB 06,1975	
21.297	380.511	02 08	FEB 06,1975	
21.330	380.523	02 10	FEB 06,1975	
21.364	380.500	02 12	FEB 06,1975	
21.397	380.500	02 14	FEB 06,1975	
21.431	380.511	02 16	FEB 06,1975	
21.464	380.500	02 18	FEB 06,1975	
21.498	380.477	02 20	FEB 06,1975	
21.531	380.477	02 22	FEB 06,1975	
21.565	380.465	02 24	FEB 06,1975	
21.598	380.465	02 26	FEB 06,1975	
21.632	380.454	02 28	FEB 06,1975	
21.666	380.419	02 30	FEB 06,1975	
21.699	380.431	02 32	FEB 06,1975	
21.733	380.431	02 34	FEB 06,1975	
21.766	380.408	02 36	FEB 06,1975	
21.800	380.408	02 38	FEB 06,1975	
21.833	380.431	02 40	FEB 06,1975	
21.867	380.431	02 42	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.900	380.396	02 44	FEB 06,1975	
21.934	380.408	02 46	FEB 06,1975	
21.967	380.408	02 48	FEB 06,1975	
22.001	380.396	02 50	FEB 06,1975	
22.034	380.362	02 52	FEB 06,1975	
22.068	380.373	02 54	FEB 06,1975	
22.102	380.385	02 56	FEB 06,1975	
22.135	380.373	02 58	FEB 06,1975	
22.169	380.362	03 00	FEB 06,1975	
22.202	380.362	03 02	FEB 06,1975	
22.236	380.362	03 04	FEB 06,1975	
22.269	380.362	03 06	FEB 06,1975	
22.303	380.316	03 08	FEB 06,1975	
22.336	380.328	03 10	FEB 06,1975	
22.370	380.328	03 12	FEB 06,1975	
22.403	380.328	03 14	FEB 06,1975	
22.437	380.328	03 16	FEB 06,1975	
22.470	380.328	03 18	FEB 06,1975	
22.504	380.328	03 20	FEB 06,1975	
22.538	380.328	03 22	FEB 06,1975	
22.571	380.305	03 24	FEB 06,1975	
22.605	380.305	03 26	FEB 06,1975	
22.638	380.305	03 28	FEB 06,1975	
22.672	380.305	03 30	FEB 06,1975	
22.705	380.282	03 32	FEB 06,1975	
22.739	380.293	03 34	FEB 06,1975	
22.772	380.293	03 36	FEB 06,1975	
22.806	380.293	03 38	FEB 06,1975	
22.839	380.270	03 40	FEB 06,1975	
22.873	380.259	03 42	FEB 06,1975	
22.906	380.282	03 44	FEB 06,1975	
22.940	380.259	03 46	FEB 06,1975	
22.974	380.259	03 48	FEB 06,1975	
23.007	380.259	03 50	FEB 06,1975	
23.041	380.259	03 52	FEB 06,1975	
23.074	380.247	03 54	FEB 06,1975	
23.108	380.213	03 56	FEB 06,1975	
23.141	380.213	03 58	FEB 06,1975	
23.175	380.224	04 00	FEB 06,1975	
23.208	380.236	04 02	FEB 06,1975	

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JOB NUMBER                                                                DATE OF JOB
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    DELTA     PRESSURE                       TIME      DATE                 COMMENTS
    TIME       (PSI)                        HR MIN

   23.242     380.201                       04   05 FEB 06,1975
   23.275     380.190                       04   07 FEB 06,1975
   23.309     380.213                       04   09 FEB 06,1975
   23.342     380.236                       04   11 FEB 06,1975
   23.376     380.201                       04   13 FEB 06,1975
   23.410     380.224                       04   15 FEB 06,1975
   23.443     380.201                       04   17 FEB 06,1975
   23.477     380.201                       04   19 FEB 06,1975
   23.510     380.190                       04   21 FEB 06,1975
   23.544     380.201                       04   23 FEB 06,1975
   23.577     380.224                       04   25 FEB 06,1975
   23.611     380.201                       04   27 FEB 06,1975
   23.644     380.190                       04   29 FEB 06,1975
   23.678     380.178                       04   31 FEB 06,1975
   23.711     380.201                       04   33 FEB 06,1975
   23.745     380.190                       04   35 FEB 06,1975
   23.779     380.178                       04   37 FEB 06,1975
   23.812     380.167                       04   39 FEB 06,1975
   23.846     380.178                       04   41 FEB 06,1975
   23.879     380.178                       04   43 FEB 06,1975
   23.913     380.178                       04   45 FEB 06,1975
   23.946     380.167                       04   47 FEB 06,1975
   23.980     380.190                       04   49 FEB 06,1975
   24.013     380.167                       04   51 FEB 06,1975
   24.047     380.167                       04   53 FEB 06,1975
   24.080     380.155                       04   55 FEB 06,1975
   24.114     380.167                       04   57 FEB 06,1975
   24.147     380.167                       04   59 FEB 06,1975
   24.181     380.155                       05   01 FEB 06,1975
   24.214     380.155                       05   03 FEB 06,1975
   24.248     380.167                       05   05 FEB 06,1975
   24.282     380.167                       05   07 FEB 06,1975
   24.315     380.132                       05   09 FEB 06,1975
   24.349     380.144                       05   11 FEB 06,1975
   24.382     380.144                       05   13 FEB 06,1975
   24.416     380.155                       05   15 FEB 06,1975
   24.449     380.121                       05   17 FEB 06,1975
   24.483     380.121                       05   19 FEB 06,1975
   24.516     380.132                       05   21 FEB 06,1975
   24.550     380.132                       05   23 FEB 06,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
24.583	380.121	05	25	FEB 06,1975	
24.617	380.121	05	27	FEB 06,1975	
24.650	380.132	05	29	FEB 06,1975	
24.684	380.144	05	31	FEB 06,1975	
24.718	380.132	05	33	FEB 06,1975	
24.751	380.132	05	35	FEB 06,1975	
24.785	380.132	05	37	FEB 06,1975	
24.818	380.144	05	39	FEB 06,1975	
24.852	380.132	05	41	FEB 06,1975	
24.885	380.132	05	43	FEB 06,1975	
24.919	380.132	05	45	FEB 06,1975	
24.952	380.109	05	47	FEB 06,1975	
24.986	380.109	05	49	FEB 06,1975	
25.019	380.121	05	51	FEB 06,1975	
25.053	380.121	05	53	FEB 06,1975	
25.086	380.121	05	55	FEB 06,1975	
25.120	380.132	05	57	FEB 06,1975	
25.154	380.121	05	59	FEB 06,1975	
25.187	380.132	06	01	FEB 06,1975	
25.221	380.132	06	03	FEB 06,1975	
25.254	380.109	06	05	FEB 06,1975	
25.288	380.109	06	07	FEB 06,1975	
25.321	380.086	06	09	FEB 06,1975	
25.355	380.086	06	11	FEB 06,1975	
25.388	380.086	06	13	FEB 06,1975	
25.422	380.086	06	15	FEB 06,1975	
25.455	380.086	06	17	FEB 06,1975	
25.489	380.064	06	19	FEB 06,1975	
25.522	380.052	06	21	FEB 06,1975	
25.556	380.064	06	23	FEB 06,1975	
25.589	380.075	06	25	FEB 06,1975	
25.623	380.075	06	27	FEB 06,1975	
25.657	380.052	06	29	FEB 06,1975	
25.690	380.052	06	31	FEB 06,1975	
25.724	380.064	06	33	FEB 06,1975	
25.757	380.064	06	35	FEB 06,1975	
25.791	380.041	06	37	FEB 06,1975	
25.824	380.029	06	39	FEB 06,1975	
25.858	380.041	06	41	FEB 06,1975	
25.891	380.052	06	43	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
25.925	380.041	06	45	FEB 06,1975	
25.958	380.041	06	48	FEB 06,1975	
25.992	380.041	06	50	FEB 06,1975	
26.025	380.029	06	52	FEB 06,1975	
26.059	380.006	06	54	FEB 06,1975	
26.093	380.018	06	56	FEB 06,1975	
26.126	380.018	06	58	FEB 06,1975	
26.160	380.018	07	00	FEB 06,1975	
26.193	379.995	07	02	FEB 06,1975	
26.227	380.018	07	04	FEB 06,1975	
26.260	380.018	07	06	FEB 06,1975	
26.294	379.995	07	08	FEB 06,1975	
26.327	379.983	07	10	FEB 06,1975	
26.361	379.983	07	12	FEB 06,1975	
26.394	379.983	07	14	FEB 06,1975	
26.428	379.983	07	16	FEB 06,1975	
26.461	379.972	07	18	FEB 06,1975	
26.495	379.983	07	20	FEB 06,1975	
26.529	379.972	07	22	FEB 06,1975	
26.562	379.995	07	24	FEB 06,1975	
26.596	379.972	07	26	FEB 06,1975	
26.629	379.983	07	28	FEB 06,1975	
26.663	379.972	07	30	FEB 06,1975	
26.696	379.972	07	32	FEB 06,1975	
26.730	379.960	07	34	FEB 06,1975	
26.763	379.972	07	36	FEB 06,1975	
26.797	379.972	07	38	FEB 06,1975	
26.830	379.983	07	40	FEB 06,1975	
26.864	379.949	07	42	FEB 06,1975	
26.897	379.949	07	44	FEB 06,1975	
26.931	379.960	07	46	FEB 06,1975	
26.965	379.960	07	48	FEB 06,1975	
26.998	379.937	07	50	FEB 06,1975	
27.032	379.972	07	52	FEB 06,1975	
27.065	379.972	07	54	FEB 06,1975	
27.099	379.960	07	56	FEB 06,1975	
27.132	379.949	07	58	FEB 06,1975	
27.166	379.960	08	00	FEB 06,1975	
27.199	379.960	08	02	FEB 06,1975	
27.233	379.960	08	04	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
27.266	379.949	08	06	FEB 06,1975	
27.300	379.937	08	08	FEB 06,1975	
27.333	379.949	08	10	FEB 06,1975	
27.367	379.937	08	12	FEB 06,1975	
27.401	379.949	08	14	FEB 06,1975	
27.434	379.926	08	16	FEB 06,1975	
27.468	379.937	08	18	FEB 06,1975	
27.501	379.937	08	20	FEB 06,1975	
27.535	379.914	08	22	FEB 06,1975	
27.568	379.926	08	24	FEB 06,1975	
27.602	379.926	08	26	FEB 06,1975	
27.635	379.914	08	28	FEB 06,1975	
27.669	379.891	08	30	FEB 06,1975	
27.702	379.903	08	32	FEB 06,1975	
27.736	379.903	08	34	FEB 06,1975	
27.769	379.926	08	36	FEB 06,1975	
27.803	379.891	08	38	FEB 06,1975	
27.837	379.868	08	40	FEB 06,1975	
27.870	379.880	08	42	FEB 06,1975	
27.904	379.880	08	44	FEB 06,1975	
27.937	379.880	08	46	FEB 06,1975	
27.971	379.857	08	48	FEB 06,1975	
28.004	379.880	08	50	FEB 06,1975	
28.038	379.891	08	52	FEB 06,1975	
28.071	379.868	08	54	FEB 06,1975	
28.105	379.868	08	56	FEB 06,1975	
28.138	379.880	08	58	FEB 06,1975	
28.172	379.868	09	00	FEB 06,1975	
28.205	379.834	09	02	FEB 06,1975	
28.239	379.834	09	04	FEB 06,1975	
28.273	379.845	09	06	FEB 06,1975	
28.306	379.857	09	08	FEB 06,1975	
28.340	379.857	09	10	FEB 06,1975	
28.373	379.834	09	12	FEB 06,1975	
28.407	379.845	09	14	FEB 06,1975	
28.440	379.845	09	16	FEB 06,1975	
28.474	379.845	09	18	FEB 06,1975	
28.507	379.834	09	20	FEB 06,1975	
28.541	379.868	09	22	FEB 06,1975	
28.574	379.868	09	24	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
28.608	379.834	09	26	FEB 06,1975	
28.641	379.845	09	28	FEB 06,1975	
28.675	379.868	09	30	FEB 06,1975	
28.709	379.868	09	33	FEB 06,1975	
28.742	379.868	09	35	FEB 06,1975	
28.776	379.857	09	37	FEB 06,1975	
28.809	379.868	09	39	FEB 06,1975	
28.843	379.845	09	41	FEB 06,1975	
28.876	379.834	09	43	FEB 06,1975	
28.910	379.845	09	45	FEB 06,1975	
28.943	379.857	09	47	FEB 06,1975	
28.977	379.857	09	49	FEB 06,1975	
29.010	379.857	09	51	FEB 06,1975	
29.044	379.834	09	53	FEB 06,1975	
29.077	379.857	09	55	FEB 06,1975	
29.111	379.857	09	57	FEB 06,1975	
29.145	379.857	09	59	FEB 06,1975	
29.178	379.834	10	01	FEB 06,1975	
29.212	379.857	10	03	FEB 06,1975	
29.245	379.857	10	05	FEB 06,1975	
29.279	379.857	10	07	FEB 06,1975	
29.312	379.834	10	09	FEB 06,1975	
29.346	379.845	10	11	FEB 06,1975	
29.379	379.845	10	13	FEB 06,1975	
29.413	379.845	10	15	FEB 06,1975	
29.446	379.834	10	17	FEB 06,1975	
29.480	379.857	10	19	FEB 06,1975	
29.513	379.860	10	21	FEB 06,1975	
29.547	379.868	10	23	FEB 06,1975	
29.581	379.868	10	25	FEB 06,1975	
29.614	379.868	10	27	FEB 06,1975	
29.648	379.857	10	29	FEB 06,1975	
29.681	379.845	10	31	FEB 06,1975	
29.715	379.857	10	33	FEB 06,1975	
29.748	379.857	10	35	FEB 06,1975	
29.782	379.845	10	37	FEB 06,1975	
29.815	379.822	10	39	FEB 06,1975	
29.849	379.822	10	41	FEB 06,1975	
29.882	379.822	10	43	FEB 06,1975	
29.916	379.822	10	45	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
29.949	379.834	10	47	FEB 06,1975	
29.983	379.811	10	49	FEB 06,1975	
30.017	379.822	10	51	FEB 06,1975	
30.050	379.822	10	53	FEB 06,1975	
30.084	379.788	10	55	FEB 06,1975	
30.117	379.788	10	57	FEB 06,1975	
30.151	379.799	10	59	FEB 06,1975	
30.184	379.799	11	01	FEB 06,1975	
30.218	379.799	11	03	FEB 06,1975	
30.251	379.777	11	05	FEB 06,1975	
30.285	379.777	11	07	FEB 06,1975	
30.318	379.765	11	09	FEB 06,1975	
30.352	379.754	11	11	FEB 06,1975	
30.385	379.742	11	13	FEB 06,1975	
30.419	379.765	11	15	FEB 06,1975	
30.453	379.777	11	17	FEB 06,1975	
30.486	379.765	11	19	FEB 05,1975	
30.520	379.765	11	21	FEB 06,1975	
30.553	379.754	11	23	FEB 06,1975	
30.587	379.777	11	25	FEB 06,1975	
30.620	379.742	11	27	FEB 06,1975	
30.654	379.742	11	29	FEB 06,1975	
30.687	379.742	11	31	FEB 06,1975	
30.721	379.742	11	33	FEB 06,1975	
30.754	379.731	11	35	FEB 06,1975	
30.788	379.731	11	37	FEB 06,1975	
30.821	379.731	11	39	FEB 06,1975	
30.855	379.719	11	41	FEB 06,1975	
30.888	379.696	11	43	FEB 06,1975	
30.922	379.673	11	45	FEB 06,1975	
30.956	379.673	11	47	FEB 06,1975	
30.989	379.662	11	49	FEB 06,1975	
31.023	379.639	11	51	FEB 06,1975	
31.056	379.639	11	53	FEB 06,1975	
31.090	379.639	11	55	FEB 06,1975	
31.123	379.639	11	57	FEB 06,1975	
31.157	379.639	11	59	FEB 05,1975	
31.190	379.604	12	01	FEB 06,1975	
31.224	379.616	12	03	FEB 06,1975	
31.257	379.604	12	05	FEB 06,1975	

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   DELTA     PRESSURE                        TIME      DATE                COMMENTS
   TIME       (PSI)                        HR MIN

  31.291     379.581                       12  07 FEB 06,1975
  31.324     379.581                       12  09 FEB 06,1975
  31.358     379.581                       12  11 FEB 06,1975
  31.392     379.581                       12  13 FEB 06,1975
  31.425     379.558                       12  16 FEB 06,1975
  31.459     379.570                       12  18 FEB 06,1975
  31.492     379.570                       12  20 FEB 06,1975
  31.526     379.570                       12  22 FEB 06,1975
  31.559     379.558                       12  24 FEB 06,1975
  31.593     379.558                       12  26 FEB 06,1975
  31.626     379.547                       12  28 FEB 06,1975
  31.660     379.547                       12  30 FEB 06,1975
  31.693     379.535                       12  32 FEB 06,1975
  31.727     379.535                       12  34 FEB 06,1975
  31.760     379.535                       12  36 FEB 06,1975
  31.794     379.535                       12  38 FEB 06,1975
  31.828     379.524                       12  40 FEB 06,1975
  31.861     379.524                       12  42 FEB 06,1975
  31.895     379.535                       12  44 FEB 06,1975
  31.928     379.524                       12  46 FEB 06,1975
  31.962     379.524                       12  48 FEB 06,1975
  31.995     379.501                       12  50 FEB 06,1975
  32.029     379.512                       12  52 FEB 06,1975
  32.062     379.512                       12  54 FEB 06,1975
  32.096     379.490                       12  56 FEB 06,1975
  32.129     379.490                       12  58 FEB 06,1975
  32.163     379.490                       13  00 FEB 06,1975
  32.196     379.490                       13  02 FEB 06,1975
  32.230     379.478                       13  04 FEB 06,1975
  32.264     379.490                       13  06 FEB 06,1975
  32.297     379.490                       13  08 FEB 06,1975
  32.331     379.501                       13  10 FEB 06,1975
  32.364     379.490                       13  12 FEB 06,1975
  32.398     379.490                       13  14 FEB 06,1975
  32.431     379.490                       13  16 FEB 06,1975
  32.465     379.467                       13  18 FEB 06,1975
  32.498     379.478                       13  20 FEB 06,1975
  32.532     379.478                       13  22 FEB 06,1975
  32.565     379.467                       13  24 FEB 06,1975
  32.599     379.478                       13  26 FEB 06,1975
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   DELTA     PRESSURE                   TIME      DATE              COMMENTS
   TIME       (PSI)                    HR MIN

  32.632     379.478                   13   28 FEB 06,1975
  32.666     379.455                   13   30 FEB 06,1975
  32.700     379.467                   13   32 FEB 06,1975
  32.733     379.467                   13   34 FEB 06,1975
  32.767     379.467                   13   36 FEB 06,1975
  32.800     379.444                   13   38 FEB 06,1975
  32.834     379.455                   13   40 FEB 06,1975
  32.867     379.455                   13   42 FEB 06,1975
  32.901     379.432                   13   44 FEB 06,1975
  32.934     379.432                   13   46 FEB 06,1975
  32.968     379.432                   13   48 FEB 06,1975
  33.001     379.432                   13   50 FEB 06,1975
  33.035     379.432                   13   52 FEB 06,1975
  33.068     379.432                   13   54 FEB 06,1975
  33.102     379.432                   13   56 FEB 06,1975
  33.135     379.432                   13   58 FEB 06,1975
  33.169     379.432                   14   00 FEB 06,1975
  33.203     379.432                   14   02 FEB 06,1975
  33.236     379.432                   14   04 FEB 06,1975
  33.270     379.432                   14   06 FEB 06,1975
  33.303     379.409                   14   08 FEB 06,1975
  33.337     379.386                   14   10 FEB 06,1975
  33.370     379.421                   14   12 FEB 06,1975
  33.404     379.421                   14   14 FEB 06,1975
  33.437     379.398                   14   16 FEB 06,1975
  33.471     379.398                   14   18 FEB 06,1975
  33.504     379.409                   14   20 FEB 06,1975
  33.538     379.409                   14   22 FEB 06,1975   END JETTING TO
  33.572     379.409                   14   24 FEB 06,1975   START RECOVERY
  33.605     379.432                   14   26 FEB 06,1975
  33.639     379.409                   14   28 FEB 06,1975
  33.672     379.352                   14   30 FEB 06,1975
  33.706     379.366                   14   32 FEB 06,1975
  33.739     379.306                   14   34 FEB 06,1975
  33.773     379.386                   14   36 FEB 06,1975
  33.806     379.570                   14   38 FEB 06,1975
  33.840     379.865                   14   40 FEB 06,1975
  33.873     380.247                   14   42 FEB 06,1975
  33.907     380.718                   14   44 FEB 06,1975
  33.940     381.189                   14   46 FEB 06,1975
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.974	381.717	14 48	FEB 06,1975	
34.008	382.233	14 50	FEB 06,1975	
34.041	382.715	14 52	FEB 06,1975	
34.075	383.220	14 54	FEB 06,1975	
34.108	383.691	14 56	FEB 06,1975	
34.142	384.116	14 59	FEB 06,1975	
34.175	384.506	15 01	FEB 06,1975	
34.209	384.862	15 03	FEB 06,1975	
34.242	385.206	15 05	FEB 06,1975	
34.276	385.539	15 07	FEB 06,1975	
34.309	385.838	15 09	FEB 06,1975	
34.343	386.159	15 11	FEB 06,1975	
34.376	386.412	15 13	FEB 06,1975	
34.410	386.664	15 15	FEB 06,1975	
34.443	386.894	15 17	FEB 06,1975	
34.477	387.135	15 19	FEB 06,1975	
34.511	387.342	15 21	FEB 06,1975	
34.544	387.537	15 23	FEB 06,1975	
34.578	387.743	15 25	FEB 06,1975	
34.611	387.939	15 27	FEB 06,1975	
34.645	388.111	15 29	FEB 06,1975	
34.678	388.271	15 31	FEB 06,1975	
34.712	388.444	15 33	FEB 06,1975	
34.745	388.604	15 35	FEB 06,1975	
34.779	388.765	15 37	FEB 06,1975	
34.812	388.926	15 39	FEB 06,1975	
34.846	389.087	15 41	FEB 06,1975	
34.880	389.236	15 43	FEB 06,1975	
34.913	389.385	15 45	FEB 06,1975	
34.947	389.511	15 47	FEB 06,1975	
34.980	389.649	15 49	FEB 06,1975	
35.014	389.810	15 51	FEB 06,1975	
35.047	389.902	15 53	FEB 06,1975	
35.081	390.005	15 55	FEB 06,1975	
35.114	390.120	15 57	FEB 06,1975	
35.148	390.200	15 59	FEB 06,1975	
35.181	390.269	16 01	FEB 06,1975	
35.215	390.315	16 03	FEB 06,1975	
35.248	390.395	16 05	FEB 06,1975	
35.282	390.499	16 07	FEB 06,1975	

JOB NUMBER
SPG-11228-9

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
140 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
35.316	390.590	16	09	FEB 06,1975	
35.349	390.648	16	11	FEB 06,1975	
35.383	390.751	16	13	FEB 06,1975	
35.416	390.866	16	15	FEB 06,1975	
35.450	390.935	16	17	FEB 06,1975	
35.483	390.992	16	19	FEB 06,1975	
35.517	391.095	16	21	FEB 06,1975	
35.550	391.164	16	23	FEB 06,1975	
35.584	391.233	16	25	FEB 06,1975	
35.617	391.302	16	27	FEB 06,1975	
35.651	391.359	16	29	FEB 06,1975	
35.684	391.451	16	31	FEB 06,1975	
35.718	391.509	16	33	FEB 06,1975	
35.752	391.555	16	35	FEB 06,1975	
35.785	391.624	16	37	FEB 06,1975	
35.819	391.704	16	39	FEB 06,1975	
35.852	391.738	16	41	FEB 06,1975	
35.886	391.796	16	43	FEB 06,1975	
35.919	391.876	16	45	FEB 06,1975	
35.953	391.922	16	47	FEB 06,1975	
35.986	391.979	16	49	FEB 06,1975	
36.020	392.025	16	51	FEB 06,1975	
36.053	392.071	16	53	FEB 06,1975	
36.087	392.117	16	55	FEB 06,1975	
36.120	392.152	16	57	FEB 06,1975	
36.154	392.220	16	59	FEB 06,1975	
36.188	392.255	17	01	FEB 06,1975	
36.221	392.278	17	03	FEB 06,1975	
36.255	392.307	17	05	FEB 06,1975	
36.288	392.370	17	07	FEB 06,1975	
36.322	392.439	17	09	FEB 06,1975	
36.355	392.484	17	11	FEB 06,1975	
36.389	392.542	17	13	FEB 06,1975	
36.422	392.576	17	15	FEB 06,1975	
36.456	392.634	17	17	FEB 06,1975	
36.489	392.691	17	19	FEB 06,1975	
36.523	392.703	17	21	FEB 06,1975	
36.556	392.714	17	23	FEB 06,1975	
36.590	392.763	17	25	FEB 06,1975	
36.623	392.029	17	27	FEB 06,1975	

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JOB NUMBER                                                        DATE OF JOB
SPG-11224-9                                                 FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                  DATE OF RUN
140 MPT-10

                               SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA     PRESSURE                   TIME      DATE              COMMENTS
  TIME       (PSI)                    HR MIN

  36.657    392.863                   17  29 FEB 06,1975
  36.691    392.898                   17  31 FEB 06,1975
  36.724    392.932                   17  33 FEB 06,1975
  36.758    392.978                   17  35 FEB 06,1975
  36.791    393.036                   17  37 FEB 06,1975
  36.825    393.036                   17  39 FEB 06,1975
  36.858    393.081                   17  41 FEB 06,1975
  36.892    393.150                   17  44 FEB 06,1975
  36.925    393.162                   17  46 FEB 06,1975
  36.959    393.185                   17  48 FEB 06,1975
  36.992    393.219                   17  50 FEB 06,1975
  37.026    392.129                   17  52 FEB 06,1975
  37.059    393.311                   17  54 FEB 06,1975
  37.093    393.334                   17  56 FEB 06,1975
  37.127    393.403                   17  58 FEB 06,1975
  37.160    393.426                   18  00 FEB 06,1975
  37.194    393.449                   18  02 FEB 06,1975
  37.227    393.472                   18  04 FEB 06,1975
  37.261    393.506                   18  06 FEB 06,1975
  37.294    393.541                   18  08 FEB 06,1975
  37.328    393.541                   18  10 FEB 06,1975
  37.361    393.587                   18  12 FEB 06,1975
  37.395    393.644                   18  14 FEB 06,1975
  37.428    393.667                   18  16 FEB 06,1975
  37.462    393.678                   18  18 FEB 06,1975
  37.495    393.724                   18  20 FEB 06,1975
  37.529    393.747                   18  22 FEB 06,1975
  37.563    393.782                   18  24 FEB 06,1975
  37.596    393.828                   18  26 FEB 06,1975
  37.630    393.828                   18  28 FEB 06,1975
  37.663    393.874                   18  30 FEB 06,1975
  37.697    393.897                   18  32 FEB 06,1975
  37.730    393.919                   18  34 FEB 06,1975
  37.764    393.954                   18  36 FEB 06,1975
  37.797    393.988                   18  38 FEB 06,1975
  37.831    394.023                   18  40 FEB 06,1975
  37.864    394.023                   18  42 FEB 06,1975
  37.898    394.046                   18  44 FEB 06,1975
  37.931    394.092                   18  46 FEB 06,1975
  37.965    394.103                   18  48 FEB 06,1975

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JOB NUMBER                                                            DATE OF JOB
SPG-11228-2                                                      FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                      DATE OF RUN
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                                 SPERRY-SUN
                 PRECISION SUBSURFACE PRESSURE GAUGE REPORT

   DELTA    PRESSURE                     TIME      DATE                COMMENTS
   TIME      (PSI)                     HR MIN

  37.999    394.115                    18  50 FEB 06,1975
  38.032    394.149                    18  52 FEB 06,1975
  38.066    394.172                    18  54 FEB 06,1975
  38.099    394.206                    18  56 FEB 06,1975
  38.133    394.218                    18  58 FEB 06,1975   UNSEAT PACKERS
  38.166    394.264                    19  00 FEB 06,1975   END OF TEST




                        1126 POINTS REPORTED THIS RUN
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JOB NUMBER
SPG-11228-7
MPT #10

DATE OF JOB
FEBRUARY 5-6, 1975

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER	SG-1
FIELD/LEASE	SORGHUM GULCH
COUNTY/PARISH	RIO BLANCO
STATE	COLORADO
TYPE OF TEST	MPT
REFERENCE ELEV	GROUND ELEVATION

ADDITIONAL INFORMATION

GAUGE NO 145 WITH 500 PSI ELEMENT

GAUGE DEPTH 1018 FEET BOTTOM GAUGE

ZONE FOR GAUGE NO 145 1008 FT - 2522 FT

INITIAL HYDROSTATIC 414.959 PSI

FINAL HYDROSTATIC 415.145 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 968 FT AND 1008 FT TD = 2522 FT

1132 POINTS REPORTED THIS JOB

JOB NUMBER
SPG-11228-9

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
0.000	418.211	04	50	FEB 05,1975	SET PACKERS
0.034	418.106	04	52	FEB 05,1975	
0.067	418.048	04	54	FEB 05,1975	
0.101	418.025	04	56	FEB 05,1975	
0.135	417.967	04	58	FEB 05,1975	
0.169	417.944	05	00	FEB 05,1975	
0.202	417.921	05	02	FEB 05,1975	
0.236	417.898	05	04	FEB 05,1975	
0.270	417.886	05	06	FEB 05,1975	
0.304	417.840	05	08	FEB 05,1975	
0.337	417.828	05	10	FEB 05,1975	
0.371	417.805	05	12	FEB 05,1975	
0.405	417.805	05	14	FEB 05,1975	
0.439	417.793	05	16	FEB 05,1975	
0.472	417.770	05	18	FEB 05,1975	
0.506	417.747	05	20	FEB 05,1975	
0.540	417.736	05	22	FEB 05,1975	
0.574	417.736	05	24	FEB 05,1975	
0.607	417.724	05	26	FEB 05,1975	
0.641	417.736	05	28	FEB 05,1975	
0.675	417.724	05	30	FEB 05,1975	
0.709	417.712	05	33	FEB 05,1975	
0.742	417.689	05	35	FEB 05,1975	
0.776	417.689	05	37	FEB 05,1975	
0.810	417.678	05	39	FEB 05,1975	
0.844	417.654	05	41	FEB 05,1975	
0.877	417.643	05	43	FEB 05,1975	
0.911	417.654	05	45	FEB 05,1975	
0.945	417.643	05	47	FEB 05,1975	
0.979	417.643	05	49	FEB 05,1975	
1.012	417.620	05	51	FEB 05,1975	
1.046	417.620	05	53	FEB 05,1975	
1.080	417.608	05	55	FEB 05,1975	
1.114	417.596	05	57	FEB 05,1975	
1.147	417.585	05	59	FEB 05,1975	
1.181	417.585	06	01	FEB 05,1975	
1.215	417.573	06	03	FEB 05,1975	
1.249	417.562	06	05	FEB 05,1975	
1.282	417.573	06	07	FEB 05,1975	
1.316	417.562	06	09	FEB 05,1975	

JOB NUMBER
SPG-11228-[illegible]

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.350	417.573	06 11	FEB 05,1975	
1.384	417.573	06 13	FEB 05,1975	
1.417	417.562	06 15	FEB 05,1975	
1.451	417.562	06 17	FEB 05,1975	
1.485	417.562	06 19	FEB 05,1975	
1.519	417.550	06 21	FEB 05,1975	
1.552	417.539	06 23	FEB 05,1975	
1.586	417.550	06 25	FEB 05,1975	
1.620	417.550	06 27	FEB 05,1975	
1.654	417.527	06 29	FEB 05,1975	
1.687	417.515	06 31	FEB 05,1975	
1.721	417.515	06 33	FEB 05,1975	
1.755	417.504	06 35	FEB 05,1975	
1.789	417.504	06 37	FEB 05,1975	
1.822	417.504	06 39	FEB 05,1975	
1.856	417.515	06 41	FEB 05,1975	
1.890	417.504	06 43	FEB 05,1975	
1.924	417.504	06 45	FEB 05,1975	
1.957	417.515	06 47	FEB 05,1975	
1.991	417.481	06 49	FEB 05,1975	
2.025	417.492	06 51	FEB 05,1975	
2.059	417.492	06 54	FEB 05,1975	
2.092	417.481	06 56	FEB 05,1975	
2.126	417.481	06 58	FEB 05,1975	
2.160	417.481	07 00	FEB 05,1975	
2.193	417.469	07 02	FEB 05,1975	
2.227	417.469	07 04	FEB 05,1975	
2.261	417.469	07 06	FEB 05,1975	
2.295	417.446	07 08	FEB 05,1975	
2.328	417.469	07 10	FEB 05,1975	
2.362	417.446	07 12	FEB 05,1975	
2.396	417.446	07 14	FEB 05,1975	
2.430	417.446	07 16	FEB 05,1975	
2.463	417.434	07 18	FEB 05,1975	
2.497	417.434	07 20	FEB 05,1975	
2.531	417.434	07 22	FEB 05,1975	
2.565	417.423	07 24	FEB 05,1975	
2.598	417.434	07 26	FEB 05,1975	
2.632	417.411	07 28	FEB 05,1975	
2.666	417.411	07 30	FEB 05,1975	

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DATE OF JOB
FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
2.700	417.366	07	32	FEB 05,1975	
2.733	417.388	07	34	FEB 05,1975	
2.767	417.411	07	36	FEB 05,1975	
2.801	417.411	07	38	FEB 05,1975	
2.835	417.399	07	40	FEB 05,1975	
2.868	417.399	07	42	FEB 05,1975	
2.902	417.376	07	44	FEB 05,1975	
2.936	417.376	07	46	FEB 05,1975	
2.970	417.376	07	48	FEB 05,1975	
3.003	417.376	07	50	FEB 05,1975	
3.037	417.376	07	52	FEB 05,1975	
3.071	417.376	07	54	FEB 05,1975	
3.105	417.365	07	56	FEB 05,1975	
3.138	417.388	07	58	FEB 05,1975	
3.172	417.376	08	00	FEB 05,1975	
3.206	417.365	08	02	FEB 05,1975	
3.240	417.365	08	04	FEB 05,1975	
3.273	417.365	08	06	FEB 05,1975	
3.307	417.365	08	08	FEB 05,1975	
3.341	417.365	08	10	FEB 05,1975	
3.375	417.365	08	12	FEB 05,1975	
3.408	417.365	08	15	FEB 05,1975	
3.442	417.353	08	17	FEB 05,1975	
3.476	417.365	08	19	FEB 05,1975	
3.510	417.365	08	21	FEB 05,1975	
3.543	417.353	08	23	FEB 05,1975	
3.577	417.342	08	25	FEB 05,1975	
3.611	417.342	08	27	FEB 05,1975	
3.645	417.342	08	29	FEB 05,1975	
3.678	417.342	08	31	FEB 05,1975	
3.712	417.330	08	33	FEB 05,1975	
3.746	417.353	08	35	FEB 05,1975	
3.780	417.353	08	37	FEB 05,1975	
3.813	417.365	08	39	FEB 05,1975	
3.847	417.353	08	41	FEB 05,1975	
3.881	417.353	08	43	FEB 05,1975	
3.915	417.353	08	45	FEB 05,1975	
3.948	417.353	08	47	FEB 05,1975	
3.982	417.353	08	49	FEB 05,1975	
4.016	417.353	08	51	FEB 05,1975	

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DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
4.050	417.353	08	53	FEB 05,1975	
4.083	417.353	08	55	FEB 05,1975	
4.117	417.342	08	57	FEB 05,1975	
4.151	417.342	08	59	FEB 05,1975	
4.185	417.342	09	01	FEB 05,1975	
4.218	417.342	09	03	FEB 05,1975	
4.252	417.342	09	05	FEB 05,1975	
4.286	417.342	09	07	FEB 05,1975	
4.319	417.342	09	09	FEB 05,1975	
4.353	417.342	09	11	FEB 05,1975	
4.387	417.330	09	13	FEB 05,1975	
4.421	417.330	09	15	FEB 05,1975	
4.454	417.342	09	17	FEB 05,1975	
4.488	417.330	09	19	FEB 05,1975	
4.522	417.330	09	21	FEB 05,1975	
4.556	417.342	09	23	FEB 05,1975	
4.589	417.330	09	25	FEB 05,1975	
4.623	417.330	09	27	FEB 05,1975	
4.657	417.330	09	29	FEB 05,1975	
4.691	417.330	09	31	FEB 05,1975	
4.724	417.318	09	33	FEB 05,1975	
4.758	417.318	09	35	FEB 05,1975	
4.792	417.307	09	38	FEB 05,1975	
4.826	417.295	09	40	FEB 05,1975	
4.859	417.295	09	42	FEB 05,1975	
4.893	417.295	09	44	FEB 05,1975	
4.927	417.318	09	46	FEB 05,1975	
4.961	417.318	09	48	FEB 05,1975	
4.994	417.318	09	50	FEB 05,1975	
5.028	417.318	09	52	FEB 05,1975	
5.062	417.318	09	54	FEB 05,1975	
5.096	417.307	09	56	FEB 05,1975	
5.129	417.307	09	58	FEB 05,1975	
5.163	417.307	10	00	FEB 05,1975	
5.197	417.307	10	02	FEB 05,1975	
5.231	417.318	10	04	FEB 05,1975	
5.264	417.307	10	06	FEB 05,1975	
5.298	417.307	10	08	FEB 05,1975	
5.332	417.307	10	10	FEB 05,1975	
5.366	417.307	10	12	FEB 05,1975	

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
5.399	417.307	10	14	FEB 05,1975	
5.433	417.318	10	16	FEB 05,1975	
5.467	417.307	10	18	FEB 05,1975	
5.501	417.307	10	20	FEB 05,1975	
5.534	417.307	10	22	FEB 05,1975	
5.568	417.307	10	24	FEB 05.1975	
5.602	417.307	10	26	FEB 05,1975	
5.636	417.307	10	28	FEB 05,1975	
5.669	417.307	10	30	FEB 05,1975	
5.703	417.307	10	32	FEB 05,1975	
5.737	417.307	10	34	FEB 05,1975	
5.771	417.307	10	36	FEB 05,1975	
5.804	417.307	10	38	FEB 05,1975	
5.838	417.307	10	40	FEB 05,1975	
5.872	417.295	10	42	FEB 05,1975	
5.906	417.284	10	44	FEB 05,1975	
5.939	417.295	10	46	FEB 05,1975	
5.973	417.295	10	48	FEB 05,1975	
6.007	417.295	10	50	FEB 05,1975	
6.041	417.295	10	52	FEB 05,1975	
6.074	417.295	10	54	FEB 05,1975	
6.108	417.295	10	56	FEB 05,1975	
6.142	417.295	10	59	FEB 05.1975	
6.176	417.295	11	01	FEB 05,1975	
6.209	417.295	11	03	FEB 05,1975	
6.243	417.295	11	05	FEB 05,1975	
6.277	417.295	11	07	FEB 05,1975	
6.311	417.284	11	09	FEB 05.1975	
6.344	417.284	11	11	FEB 05,1975	
6.378	417.295	11	13	FEB 05,1975	
6.412	417.295	11	15	FEB 05,1975	
6.445	417.284	11	17	FEB 05,1975	
6.479	417.307	11	19	FEB 05,1975	
6.513	417.307	11	21	FEB 05,1975	
6.547	417.307	11	23	FEB 05,1975	
6.580	417.307	11	25	FEB 05,1975	
6.614	417.307	11	27	FEB 05.1975	
6.648	417.295	11	29	FEB 05,1975	
6.682	417.295	11	31	FEB 05,1975	
6.715	417.284	11	33	FEB 05,1975	

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DATE OF JOB
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145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
6.749	417.272	11	35	FEB 05,1975	
6.783	417.284	11	37	FEB 05,1975	
6.817	417.272	11	39	FEB 05,1975	
6.850	417.284	11	41	FEB 05,1975	
6.884	417.284	11	43	FEB 05,1975	
6.918	417.272	11	45	FEB 05,1975	
6.952	417.272	11	47	FEB 05,1975	
6.985	417.272	11	49	FEB 05,1975	
7.019	417.260	11	51	FEB 05,1975	
7.053	417.272	11	53	FEB 05,1975	
7.087	417.260	11	55	FEB 05,1975	
7.120	417.272	11	57	FEB 05,1975	
7.154	417.260	11	59	FEB 05,1975	
7.188	417.272	12	01	FEB 05,1975	
7.222	417.272	12	03	FEB 05,1975	
7.255	417.272	12	05	FEB 05,1975	
7.289	417.237	12	07	FEB 05,1975	
7.323	417.237	12	09	FEB 05,1975	
7.357	417.237	12	11	FEB 05,1975	
7.390	417.249	12	13	FEB 05,1975	
7.424	417.237	12	15	FEB 05,1975	
7.458	417.237	12	17	FEB 05,1975	
7.492	417.237	12	19	FEB 05,1975	
7.525	417.226	12	22	FEB 05,1975	
7.559	417.226	12	24	FEB 05,1975	
7.593	417.226	12	26	FEB 05,1975	
7.627	417.214	12	28	FEB 05,1975	
7.660	417.214	12	30	FEB 05,1975	
7.694	417.202	12	32	FEB 05,1975	START TESTING
7.728	417.202	12	34	FEB 05,1975	TO SEE IF PACK
7.762	417.202	12	36	FEB 05,1975	ERS SET BEFORE
7.795	417.202	12	38	FEB 05,1975	START OF JET
7.829	417.214	12	40	FEB 05,1975	TEST
7.863	417.202	12	42	FEB 05,1975	
7.897	417.214	12	44	FEB 05,1975	
7.930	417.202	12	46	FEB 05,1975	
7.964	417.191	12	48	FEB 05,1975	
7.998	417.191	12	50	FEB 05,1975	
8.032	417.179	12	52	FEB 05,1975	
8.065	417.179	12	54	FEB 05,1975	

JOB NUMBER
SPG-11228-9

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
8.099	417.179	12	56	FEB 05,1975	
8.133	417.179	12	58	FEB 05,1975	
8.167	417.168	13	00	FEB 05,1975	
8.200	417.168	13	02	FEB 05,1975	
8.234	417.168	13	04	FEB 05,1975	
8.268	417.168	13	06	FEB 05,1975	
8.302	417.156	13	08	FEB 05,1975	
8.335	417.156	13	10	FEB 05,1975	
8.369	417.168	13	12	FEB 05,1975	
8.403	417.156	13	14	FEB 05,1975	
8.437	417.168	13	16	FEB 05,1975	
8.470	417.145	13	18	FEB 05,1975	
8.504	417.145	13	20	FEB 05,1975	
8.538	417.145	13	22	FEB 05,1975	
8.571	417.156	13	24	FEB 05,1975	
8.605	417.156	13	26	FEB 05,1975	
8.639	417.156	13	28	FEB 05,1975	
8.673	417.145	13	30	FEB 05,1975	
8.706	417.168	13	32	FEB 05,1975	
8.740	417.168	13	34	FEB 05,1975	
8.774	417.168	13	36	FEB 05,1975	
8.808	417.145	13	38	FEB 05,1975	
8.841	417.145	13	40	FEB 05,1975	
8.875	417.156	13	43	FEB 05,1975	
8.909	417.145	13	45	FEB 05,1975	
8.942	417.145	13	47	FEB 05,1975	
8.976	417.145	13	49	FEB 05,1975	
9.010	417.145	13	51	FEB 05,1975	
9.044	417.145	13	53	FEB 05,1975	
9.078	417.145	13	55	FEB 05,1975	
9.111	417.145	13	57	FEB 05,1975	
9.145	417.145	13	59	FEB 05,1975	
9.179	417.145	14	01	FEB 05,1975	
9.213	417.145	14	03	FEB 05,1975	
9.246	417.145	14	05	FEB 05,1975	
9.280	417.145	14	07	FEB 05,1975	
9.314	417.133	14	09	FEB 05,1975	
9.348	417.145	14	11	FEB 05,1975	
9.381	417.145	14	13	FEB 05,1975	
9.415	417.145	14	15	FEB 05,1975	

JOB NUMBER
SPG-11228-2

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
9.449	417.133	14	17	FEB 05,1975	
9.483	417.133	14	19	FEB 05,1975	
9.516	417.133	14	21	FEB 05,1975	START JETTING
9.550	417.110	14	23	FEB 05,1975	
9.584	417.110	14	25	FEB 05,1975	
9.618	417.110	14	27	FEB 05,1975	
9.651	417.110	14	29	FEB 05,1975	
9.685	417.098	14	31	FEB 05,1975	
9.719	417.121	14	33	FEB 05,1975	
9.753	417.121	14	35	FEB 05,1975	
9.786	417.121	14	37	FEB 05,1975	
9.820	417.145	14	39	FEB 05,1975	
9.854	417.121	14	41	FEB 05,1975	
9.888	417.121	14	43	FEB 05,1975	
9.921	417.133	14	45	FEB 05,1975	
9.955	417.110	14	47	FEB 05,1975	
9.989	417.110	14	49	FEB 05,1975	
10.023	417.133	14	51	FEB 05,1975	
10.056	417.121	14	53	FEB 05,1975	
10.090	417.110	14	55	FEB 05,1975	
10.124	417.121	14	57	FEB 05,1975	
10.158	417.133	14	59	FEB 05,1975	
10.191	417.110	15	01	FEB 05,1975	
10.225	417.121	15	04	FEB 05,1975	
10.259	417.110	15	06	FEB 05,1975	
10.293	417.098	15	08	FEB 05,1975	
10.326	417.110	15	10	FEB 05,1975	
10.360	417.110	15	12	FEB 05,1975	
10.394	417.110	15	14	FEB 05,1975	
10.428	417.087	15	16	FEB 05,1975	
10.461	417.121	15	18	FEB 05,1975	
10.495	417.110	15	20	FEB 05,1975	
10.529	417.121	15	22	FEB 05,1975	
10.562	417.098	15	24	FEB 05,1975	
10.596	417.098	15	26	FEB 05,1975	
10.630	417.087	15	28	FEB 05,1975	
10.664	417.110	15	30	FEB 05,1975	
10.697	417.087	15	32	FEB 05,1975	
10.731	417.087	15	34	FEB 05,1975	
10.765	417.087	15	36	FEB 05,1975	

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DATE OF JOB
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DATE OF RUN

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
10.799	417.087	15	38	FEB 05,1975	
10.832	417.098	15	40	FEB 05,1975	
10.866	417.098	15	42	FEB 05,1975	
10.900	417.087	15	44	FEB 05,1975	
10.934	417.075	15	46	FEB 05,1975	
10.967	417.098	15	48	FEB 05,1975	
11.001	417.098	15	50	FEB 05,1975	
11.035	417.075	15	52	FEB 05,1975	
11.069	417.087	15	54	FEB 05,1975	
11.102	417.098	15	56	FEB 05,1975	
11.136	417.075	15	58	FEB 05,1975	
11.170	417.075	16	00	FEB 05,1975	
11.204	417.075	16	02	FEB 05,1975	
11.237	417.087	16	04	FEB 05,1975	
11.271	417.087	16	06	FEB 05,1975	
11.305	417.087	16	08	FEB 05,1975	
11.339	417.098	16	10	FEB 05,1975	
11.372	417.075	16	12	FEB 05,1975	
11.406	417.075	16	14	FEB 05,1975	
11.440	417.087	16	16	FEB 05,1975	
11.474	417.063	16	18	FEB 05,1975	
11.507	417.075	16	20	FEB 05,1975	
11.541	417.063	16	22	FEB 05,1975	
11.575	417.052	16	24	FEB 05,1975	
11.609	417.052	16	27	FEB 05,1975	
11.642	417.075	16	29	FEB 05,1975	
11.676	417.075	16	31	FEB 05,1975	
11.710	417.063	16	33	FEB 05,1975	
11.744	417.087	16	35	FEB 05,1975	
11.777	417.063	16	37	FEB 05,1975	
11.811	417.063	16	39	FEB 05,1975	
11.845	417.075	16	41	FEB 05,1975	
11.879	417.075	16	43	FEB 05,1975	
11.912	417.075	16	45	FEB 05,1975	
11.946	417.063	16	47	FEB 05,1975	
11.980	417.052	16	49	FEB 05,1975	
12.014	417.063	16	51	FEB 05,1975	
12.047	417.052	16	53	FEB 05,1975	
12.081	417.052	16	55	FEB 05,1975	
12.115	417.063	16	57	FEB 05,1975	

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SPG-11228-9                                                FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER                                                  DATE OF RUN
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                              SPERRY-SUN
              PRECISION SUBSURFACE PRESSURE GAUGE REPORT

  DELTA     PRESSURE                  TIME       DATE              COMMENTS
  TIME       (PSI)                   HR MIN

 12.149     417.052                  16  59 FEB 05,1975
 12.182     417.052                  17  01 FEB 05,1975
 12.216     417.040                  17  03 FEB 05,1975
 12.250     417.052                  17  05 FEB 05,1975
 12.284     417.063                  17  07 FEB 05,1975
 12.317     417.063                  17  09 FEB 05,1975
 12.351     417.052                  17  11 FEB 05,1975
 12.385     417.052                  17  13 FEB 05,1975
 12.419     417.052                  17  15 FEB 05,1975
 12.452     417.052                  17  17 FEB 05,1975
 12.486     417.052                  17  19 FEB 05,1975
 12.520     417.040                  17  21 FEB 05,1975
 12.554     417.040                  17  23 FEB 05,1975
 12.587     417.052                  17  25 FEB 05,1975
 12.621     417.052                  17  27 FEB 05,1975
 12.655     417.052                  17  29 FEB 05,1975
 12.688     417.052                  17  31 FEB 05,1975
 12.722     417.052                  17  33 FEB 05,1975
 12.756     417.052                  17  35 FEB 05,1975
 12.790     417.052                  17  37 FEB 05,1975
 12.823     417.052                  17  39 FEB 05,1975
 12.857     417.040                  17  41 FEB 05,1975
 12.891     417.029                  17  43 FEB 05,1975
 12.925     417.052                  17  45 FEB 05,1975
 12.958     417.040                  17  48 FEB 05,1975
 12.992     417.040                  17  50 FEB 05,1975
 13.026     417.040                  17  52 FEB 05,1975
 13.060     417.040                  17  54 FEB 05,1975
 13.093     417.040                  17  56 FEB 05,1975
 13.127     417.029                  17  58 FEB 05,1975
 13.161     417.040                  18  00 FEB 05,1975
 13.195     417.029                  18  02 FEB 05,1975
 13.228     417.052                  18  04 FEB 05,1975
 13.262     417.052                  18  06 FEB 05,1975
 13.296     417.052                  18  08 FEB 05,1975
 13.330     417.040                  18  10 FEB 05,1975
 13.363     417.040                  18  12 FEB 05,1975
 13.397     417.040                  18  14 FEB 05,1975
 13.431     417.040                  18  16 FEB 05,1975
 13.465     417.040                  18  18 FEB 05,1975
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DATE OF JOB
FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.498	417.040	18 20	FEB 05,1975	
13.532	417.040	18 22	FEB 05,1975	
13.566	417.052	18 24	FEB 05,1975	
13.600	417.052	18 26	FEB 05,1975	
13.633	417.040	18 28	FEB 05,1975	
13.667	417.040	18 30	FEB 05,1975	
13.701	417.040	18 32	FEB 05,1975	
13.735	417.029	18 34	FEB 05,1975	
13.768	417.029	18 36	FEB 05,1975	
13.802	417.029	18 38	FEB 05,1975	
13.836	417.029	18 40	FEB 05,1975	
13.870	417.017	18 42	FEB 05,1975	
13.903	417.017	18 44	FEB 05,1975	
13.937	417.063	18 46	FEB 05,1975	
13.971	417.040	18 48	FEB 05,1975	
14.005	417.052	18 50	FEB 05,1975	
14.038	417.040	18 52	FEB 05,1975	
14.072	417.040	18 54	FEB 05,1975	
14.106	417.040	18 56	FEB 05,1975	
14.140	417.029	18 58	FEB 05,1975	
14.173	417.017	19 00	FEB 05,1975	
14.207	417.017	19 02	FEB 05,1975	
14.241	417.017	19 04	FEB 05,1975	
14.275	417.029	19 06	FEB 05,1975	
14.308	417.029	19 08	FEB 05,1975	
14.342	417.017	19 11	FEB 05,1975	
14.376	417.017	19 13	FEB 05,1975	
14.410	417.005	19 15	FEB 05,1975	
14.443	417.029	19 17	FEB 05,1975	
14.477	417.029	19 19	FEB 05,1975	
14.511	417.040	19 21	FEB 05,1975	
14.545	417.040	19 23	FEB 05,1975	
14.578	417.040	19 25	FEB 05,1975	
14.612	417.040	19 27	FEB 05,1975	
14.646	417.040	19 29	FEB 05,1975	
14.680	417.017	19 31	FEB 05,1975	
14.713	417.017	19 33	FEB 05,1975	
14.747	417.029	19 35	FEB 05,1975	
14.781	417.029	19 37	FEB 05,1975	
14.814	417.005	19 39	FEB 05,1975	

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DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
14.848	417.017	19	41	FEB 05,1975	
14.882	417.005	19	43	FEB 05,1975	
14.916	417.017	19	45	FEB 05,1975	
14.949	417.017	19	47	FEB 05,1975	
14.983	417.017	19	49	FEB 05,1975	
15.017	417.017	19	51	FEB 05,1975	
15.051	417.029	19	53	FEB 05,1975	
15.084	417.017	19	55	FEB 05,1975	
15.118	417.017	19	57	FEB 05,1975	
15.152	417.040	19	59	FEB 05,1975	
15.186	417.017	20	01	FEB 05,1975	
15.219	417.017	20	03	FEB 05,1975	
15.253	417.017	20	05	FEB 05,1975	
15.287	417.005	20	07	FEB 05,1975	
15.321	417.005	20	09	FEB 05,1975	
15.354	417.029	20	11	FEB 05,1975	
15.388	417.017	20	13	FEB 05,1975	
15.422	417.029	20	15	FEB 05,1975	
15.456	417.029	20	17	FEB 05,1975	
15.489	417.029	20	19	FEB 05,1975	
15.523	417.017	20	21	FEB 05,1975	
15.557	417.029	20	23	FEB 05,1975	
15.591	417.005	20	25	FEB 05,1975	
15.624	417.005	20	27	FEB 05,1975	
15.658	417.017	20	29	FEB 05,1975	
15.692	417.005	20	32	FEB 05,1975	
15.726	417.017	20	34	FEB 05,1975	
15.759	417.005	20	36	FEB 05,1975	
15.793	417.005	20	38	FEB 05,1975	
15.827	417.017	20	40	FEB 05,1975	
15.861	417.029	20	42	FEB 05,1975	
15.894	417.017	20	44	FEB 05,1975	
15.928	417.029	20	46	FEB 05,1975	
15.962	417.017	20	48	FEB 05,1975	
15.996	417.017	20	50	FEB 05,1975	
16.029	417.017	20	52	FEB 05,1975	
16.063	417.017	20	54	FEB 05,1975	
16.097	417.017	20	56	FEB 05,1975	
16.131	417.017	20	58	FEB 05,1975	
16.164	417.005	21	00	FEB 05,1975	

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DATE OF JOB
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DATE OF RUN

SPERRY-SUN
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
16.196	417.005	21	02	FEB 05,1975	
16.232	417.005	21	04	FEB 05,1975	
16.266	416.994	21	06	FEB 05,1975	
16.299	417.005	21	08	FEB 05,1975	
16.333	417.017	21	10	FEB 05,1975	
16.367	417.017	21	12	FEB 05,1975	
16.401	417.005	21	14	FEB 05,1975	
16.434	417.005	21	16	FEB 05,1975	
16.468	417.029	21	18	FEB 05,1975	
16.502	417.029	21	20	FEB 05,1975	
16.536	417.029	21	22	FEB 05,1975	
16.569	416.994	21	24	FEB 05,1975	
16.603	417.005	21	26	FEB 05,1975	
16.637	416.982	21	28	FEB 05,1975	
16.671	417.005	21	30	FEB 05,1975	
16.704	417.005	21	32	FEB 05,1975	
16.738	416.994	21	34	FEB 05,1975	
16.772	416.982	21	36	FEB 05,1975	
16.806	416.971	21	38	FEB 05,1975	
16.839	416.994	21	40	FEB 05,1975	
16.873	416.994	21	42	FEB 05,1975	
16.907	417.005	21	44	FEB 05,1975	
16.940	416.994	21	46	FEB 05,1975	
16.971	417.005	21	48	FEB 05,1975	
17.003	417.005	21	50	FEB 05,1975	
17.042	416.994	21	53	FEB 05,1975	
17.075	417.005	21	55	FEB 05,1975	
17.109	417.005	21	57	FEB 05,1975	
17.143	417.005	21	59	FEB 05,1975	
17.177	417.005	22	01	FEB 05,1975	
17.210	416.994	22	03	FEB 05,1975	
17.244	417.005	22	05	FEB 05,1975	
17.278	416.994	22	07	FEB 05,1975	
17.312	417.005	22	09	FEB 05,1975	
17.345	416.994	22	11	FEB 05,1975	
17.379	416.994	22	13	FEB 05,1975	
17.413	416.994	22	15	FEB 05,1975	
17.447	416.994	22	17	FEB 05,1975	
17.480	416.994	22	19	FEB 05,1975	
17.514	416.994	22	21	FEB 05,1975	

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DATE OF JOB
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DATE OF RUN

SPERRY-SUN
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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
17.548	416.982	22	23	FEB 05,1975	
17.582	416.994	22	25	FEB 05,1975	
17.615	416.994	22	27	FEB 05,1975	
17.649	416.994	22	29	FEB 05,1975	
17.683	417.017	22	31	FEB 05,1975	
17.717	417.017	22	33	FEB 05,1975	
17.750	417.005	22	35	FEB 05,1975	
17.784	417.005	22	37	FEB 05,1975	
17.818	417.017	22	39	FEB 05,1975	
17.852	417.005	22	41	FEB 05,1975	
17.885	417.017	22	43	FEB 05,1975	
17.919	416.994	22	45	FEB 05,1975	
17.953	417.017	22	47	FEB 05,1975	
17.987	416.994	22	49	FEB 05,1975	
18.020	417.005	22	51	FEB 05,1975	
18.054	417.005	22	53	FEB 05,1975	
18.088	417.005	22	55	FEB 05,1975	
18.122	417.005	22	57	FEB 05,1975	
18.155	417.029	22	59	FEB 05,1975	
18.189	417.017	23	01	FEB 05,1975	
18.223	417.029	23	03	FEB 05,1975	
18.257	417.017	23	05	FEB 05,1975	
18.290	417.017	23	07	FEB 05,1975	
18.324	417.005	23	09	FEB 05,1975	
18.358	417.017	23	11	FEB 05,1975	
18.392	416.994	23	13	FEB 05,1975	
18.425	416.994	23	16	FEB 05,1975	
18.459	416.994	23	18	FEB 05,1975	
18.493	417.005	23	20	FEB 05,1975	
18.527	417.005	23	22	FEB 05,1975	
18.560	416.994	23	24	FEB 05,1975	
18.594	416.994	23	26	FEB 05,1975	
18.628	417.017	23	28	FEB 05,1975	
18.662	417.005	23	30	FEB 05,1975	
18.695	417.005	23	32	FEB 05,1975	
18.729	417.005	23	34	FEB 05,1975	
18.763	417.005	23	36	FEB 05,1975	
18.797	417.005	23	38	FEB 05,1975	
18.830	417.005	23	40	FEB 05,1975	
18.864	416.994	23	42	FEB 05,1975	

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SPERRY-SUN
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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
18.898	416.994	23	44	FEB 05,1975	
18.932	417.005	23	46	FEB 05,1975	
18.965	417.005	23	48	FEB 05,1975	
18.999	416.994	23	50	FEB 05,1975	
19.033	417.005	23	52	FEB 05,1975	
19.066	417.005	23	54	FEB 05,1975	
19.100	417.005	23	56	FEB 05,1975	
19.134	417.017	23	58	FEB 05,1975	
19.168	417.005	00	00	FEB 06,1975	
19.201	417.005	00	02	FEB 06,1975	
19.235	417.005	00	04	FEB 06,1975	
19.269	417.005	00	06	FEB 06,1975	
19.303	417.017	00	08	FEB 06,1975	
19.336	417.005	00	10	FEB 06,1975	
19.370	417.005	00	12	FEB 06,1975	
19.404	417.017	00	14	FEB 06,1975	
19.438	417.017	00	16	FEB 06,1975	
19.471	417.005	00	18	FEB 06,1975	
19.505	416.994	00	20	FEB 06,1975	
19.539	417.005	00	22	FEB 06,1975	
19.573	417.005	00	24	FEB 06,1975	
19.606	417.005	00	26	FEB 06,1975	
19.640	417.005	00	28	FEB 06,1975	
19.674	417.005	00	30	FEB 06,1975	
19.708	416.994	00	32	FEB 06,1975	
19.741	416.994	00	34	FEB 06,1975	
19.775	416.994	00	37	FEB 06,1975	
19.809	416.994	00	39	FEB 06,1975	
19.843	416.994	00	41	FEB 06,1975	
19.876	416.994	00	43	FEB 06,1975	
19.910	416.982	00	45	FEB 06,1975	
19.944	416.982	00	47	FEB 06,1975	
19.978	416.994	00	49	FEB 06,1975	
20.011	416.994	00	51	FEB 06,1975	
20.045	416.982	00	53	FEB 06,1975	
20.079	416.982	00	55	FEB 06,1975	
20.113	416.982	00	57	FEB 06,1975	
20.146	417.005	00	59	FEB 06,1975	
20.180	417.005	01	01	FEB 06,1975	
20.214	416.982	01	03	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
20.248	417.005	01	05	FEB 06,1975	
20.281	416.982	01	07	FEB 06,1975	
20.315	416.982	01	09	FEB 06,1975	
20.349	416.982	01	11	FEB 06,1975	
20.383	416.982	01	13	FEB 06,1975	
20.416	416.982	01	15	FEB 06,1975	
20.450	416.982	01	17	FEB 06,1975	
20.484	416.982	01	19	FEB 06,1975	
20.518	417.005	01	21	FEB 06,1975	
20.551	416.994	01	23	FEB 06,1975	
20.585	416.994	01	25	FEB 06,1975	
20.619	416.982	01	27	FEB 06,1975	
20.653	416.971	01	29	FEB 06,1975	
20.686	416.982	01	31	FEB 06,1975	
20.720	416.971	01	33	FEB 06,1975	
20.754	416.982	01	35	FEB 06,1975	
20.788	416.982	01	37	FEB 06,1975	
20.821	416.982	01	39	FEB 06,1975	
20.855	416.971	01	41	FEB 06,1975	
20.889	416.982	01	43	FEB 06,1975	
20.923	416.982	01	45	FEB 06,1975	
20.956	416.971	01	47	FEB 06,1975	
20.990	416.982	01	49	FEB 06,1975	
21.024	416.971	01	51	FEB 06,1975	
21.058	416.971	01	53	FEB 06,1975	
21.091	416.994	01	55	FEB 06,1975	
21.125	416.982	01	57	FEB 06,1975	
21.159	416.982	02	00	FEB 06,1975	
21.193	416.982	02	02	FEB 06,1975	
21.226	416.982	02	04	FEB 06,1975	
21.260	416.971	02	06	FEB 06,1975	
21.294	416.982	02	08	FEB 06,1975	
21.327	416.982	02	10	FEB 06,1975	
21.361	416.982	02	12	FEB 06,1975	
21.395	416.982	02	14	FEB 06,1975	
21.429	416.982	02	16	FEB 06,1975	
21.463	416.982	02	18	FEB 06,1975	
21.496	416.982	02	20	FEB 06,1975	
21.530	416.982	02	22	FEB 06,1975	
21.564	416.994	02	24	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
21.597	416.994	02	26	FEB 06,1975	
21.631	416.994	02	28	FEB 06,1975	
21.665	416.994	02	30	FEB 06,1975	
21.699	416.982	02	32	FEB 06,1975	
21.732	416.982	02	34	FEB 06,1975	
21.766	416.994	02	36	FEB 06,1975	
21.800	416.994	02	38	FEB 06,1975	
21.834	416.982	02	40	FEB 06,1975	
21.867	416.982	02	42	FEB 06,1975	
21.901	416.982	02	44	FEB 06,1975	
21.935	416.994	02	46	FEB 06,1975	
21.969	416.982	02	48	FEB 06,1975	
22.002	417.005	02	50	FEB 06,1975	
22.036	416.994	02	52	FEB 06,1975	
22.070	416.994	02	54	FEB 06,1975	
22.104	416.994	02	56	FEB 06,1975	
22.137	416.994	02	58	FEB 06,1975	
22.171	416.994	03	00	FEB 06,1975	
22.205	416.994	03	02	FEB 06,1975	
22.239	416.982	03	04	FEB 06,1975	
22.272	416.982	03	06	FEB 06,1975	
22.306	416.982	03	08	FEB 06,1975	
22.340	416.982	03	10	FEB 06,1975	
22.374	416.982	03	12	FEB 06,1975	
22.407	416.994	03	14	FEB 06,1975	
22.441	416.982	03	16	FEB 06,1975	
22.475	416.982	03	18	FEB 06,1975	
22.509	416.982	03	21	FEB 06,1975	
22.542	416.982	03	23	FEB 06,1975	
22.576	416.982	03	25	FEB 06,1975	
22.610	416.982	03	27	FEB 06,1975	
22.644	416.982	03	29	FEB 06,1975	
22.677	416.982	03	31	FEB 06,1975	
22.711	416.994	03	33	FEB 06,1975	
22.745	416.994	03	35	FEB 06,1975	
22.779	416.994	03	37	FEB 06,1975	
22.812	417.005	03	39	FEB 06,1975	
22.846	417.005	03	41	FEB 06,1975	
22.880	416.994	03	43	FEB 06,1975	
22.914	416.994	03	45	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
22.947	416.994	03	47	FEB 06,1975	
22.981	416.994	03	49	FEB 06,1975	
23.015	416.994	03	51	FEB 06,1975	
23.049	416.994	03	53	FEB 06,1975	
23.082	416.994	03	55	FEB 06,1975	
23.116	416.982	03	57	FEB 06,1975	
23.150	416.982	03	59	FEB 06,1975	
23.184	416.982	04	01	FEB 06,1975	
23.217	416.982	04	03	FEB 06,1975	
23.251	416.982	04	05	FEB 06,1975	
23.285	416.982	04	07	FEB 06,1975	
23.318	416.982	04	09	FEB 06,1975	
23.352	416.994	04	11	FEB 06,1975	
23.386	416.982	04	13	FEB 06,1975	
23.420	416.994	04	15	FEB 06,1975	
23.453	416.994	04	17	FEB 06,1975	
23.487	416.994	04	19	FEB 06,1975	
23.521	416.994	04	21	FEB 06,1975	
23.555	416.982	04	23	FEB 06,1975	
23.588	417.005	04	25	FEB 06,1975	
23.622	417.005	04	27	FEB 06,1975	
23.656	417.005	04	29	FEB 06,1975	
23.690	416.994	04	31	FEB 06,1975	
23.723	416.994	04	33	FEB 06,1975	
23.757	416.994	04	35	FEB 06,1975	
23.791	416.994	04	37	FEB 06,1975	
23.825	416.982	04	39	FEB 06,1975	
23.859	416.994	04	42	FEB 06,1975	
23.892	416.982	04	44	FEB 06,1975	
23.926	416.971	04	46	FEB 06,1975	
23.960	416.994	04	48	FEB 06,1975	
23.993	416.994	04	50	FEB 06,1975	
24.027	416.982	04	52	FEB 06,1975	
24.061	416.994	04	54	FEB 06,1975	
24.095	416.994	04	56	FEB 06,1975	
24.128	417.005	04	58	FEB 06,1975	
24.162	416.982	05	00	FEB 06,1975	
24.196	416.982	05	02	FEB 06,1975	
24.230	416.994	05	04	FEB 06,1975	
24.263	417.005	05	06	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
24.297	417.005	05 08	FEB 06,1975	
24.331	416.994	05 10	FEB 06,1975	
24.365	417.005	05 12	FEB 06,1975	
24.398	417.017	05 14	FEB 06,1975	
24.432	417.005	05 16	FEB 06,1975	
24.466	417.005	05 18	FEB 06,1975	
24.500	417.017	05 20	FEB 06,1975	
24.533	417.017	05 22	FEB 06,1975	
24.567	417.017	05 24	FEB 06,1975	
24.601	417.005	05 26	FEB 06,1975	
24.635	417.005	05 28	FEB 06,1975	
24.668	417.005	05 30	FEB 06,1975	
24.702	416.994	05 32	FEB 06,1975	
24.736	416.994	05 34	FEB 06,1975	
24.770	416.994	05 36	FEB 06,1975	
24.803	416.994	05 38	FEB 06,1975	
24.837	416.994	05 40	FEB 06,1975	
24.871	416.994	05 42	FEB 06,1975	
24.905	417.005	05 44	FEB 06,1975	
24.938	416.994	05 46	FEB 06,1975	
24.972	416.994	05 48	FEB 06,1975	
25.006	416.994	05 50	FEB 06,1975	
25.040	416.971	05 52	FEB 06,1975	
25.073	416.994	05 54	FEB 06,1975	
25.107	416.994	05 56	FEB 06,1975	
25.141	416.994	05 58	FEB 06,1975	
25.175	416.994	06 00	FEB 06,1975	
25.208	416.994	06 02	FEB 06,1975	
25.242	416.994	06 05	FEB 06,1975	
25.276	416.994	06 07	FEB 06,1975	
25.310	417.005	06 09	FEB 06,1975	
25.343	416.994	06 11	FEB 06,1975	
25.377	416.994	06 13	FEB 06,1975	
25.411	416.994	06 15	FEB 06,1975	
25.444	417.005	06 17	FEB 06,1975	
25.478	417.017	06 19	FEB 06,1975	
25.512	416.994	06 21	FEB 06,1975	
25.546	417.005	06 23	FEB 06,1975	
25.579	417.017	06 25	FEB 06,1975	
25.613	417.005	06 27	FEB 06,1975	

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DELTA TIME	PRESSURE (PSI)	TIME HR	TIME MIN	DATE	COMMENTS
25.647	417.005	06	29	FEB 06,1975	
25.681	416.994	06	31	FEB 06,1975	
25.714	416.994	06	33	FEB 06,1975	
25.748	417.017	06	35	FEB 06,1975	
25.782	417.005	06	37	FEB 06,1975	
25.816	417.005	06	39	FEB 06,1975	
25.849	416.994	06	41	FEB 06,1975	
25.883	416.994	06	43	FEB 06,1975	
25.917	416.982	06	45	FEB 06,1975	
25.951	416.982	06	47	FEB 06,1975	
25.984	416.994	06	49	FEB 06,1975	
26.018	416.994	06	51	FEB 06,1975	
26.052	417.005	06	53	FEB 06,1975	
26.086	417.005	06	55	FEB 06,1975	
26.119	416.982	06	57	FEB 06,1975	
26.153	417.005	06	59	FEB 06,1975	
26.187	417.005	07	01	FEB 06,1975	
26.221	417.005	07	03	FEB 06,1975	
26.254	417.005	07	05	FEB 06,1975	
26.288	417.005	07	07	FEB 06,1975	
26.322	416.994	07	09	FEB 06,1975	
26.356	416.982	07	11	FEB 06,1975	
26.389	416.994	07	13	FEB 06,1975	
26.423	416.994	07	15	FEB 06,1975	
26.457	416.994	07	17	FEB 06,1975	
26.491	416.982	07	19	FEB 06,1975	
26.524	416.971	07	21	FEB 06,1975	
26.558	416.994	07	23	FEB 06,1975	
26.592	416.994	07	26	FEB 06,1975	
26.626	416.982	07	28	FEB 06,1975	
26.659	417.005	07	30	FEB 06,1975	
26.693	417.005	07	32	FEB 06,1975	
26.727	416.994	07	34	FEB 06,1975	
26.761	417.005	07	36	FEB 06,1975	
26.794	417.005	07	38	FEB 06,1975	
26.828	417.005	07	40	FEB 06,1975	
26.862	416.994	07	42	FEB 06,1975	
26.896	417.005	07	44	FEB 06,1975	
26.929	417.005	07	46	FEB 06,1975	
26.963	417.005	07	48	FEB 06,1975	

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26.997	416.994	07	50	FEB 06,1975	
27.031	416.994	07	52	FEB 06,1975	
27.064	416.994	07	54	FEB 06,1975	
27.098	416.994	07	56	FEB 06,1975	
27.132	416.994	07	58	FEB 06,1975	
27.166	416.994	08	00	FEB 06,1975	
27.199	416.994	08	02	FEB 06,1975	
27.233	416.994	08	04	FEB 06,1975	
27.267	416.982	08	06	FEB 06,1975	
27.301	416.982	08	08	FEB 06,1975	
27.334	416.971	08	10	FEB 06,1975	
27.368	417.005	08	12	FEB 06,1975	
27.402	417.005	08	14	FEB 06,1975	
27.435	417.005	08	16	FEB 06,1975	
27.469	417.005	08	18	FEB 06,1975	
27.503	417.005	08	20	FEB 06,1975	
27.537	417.005	08	22	FEB 06,1975	
27.570	416.994	08	24	FEB 06,1975	
27.604	416.994	08	26	FEB 06,1975	
27.638	416.982	08	28	FEB 06,1975	
27.672	416.994	08	30	FEB 06,1975	
27.705	416.994	08	32	FEB 06,1975	
27.739	416.982	08	34	FEB 06,1975	
27.773	416.982	08	36	FEB 06,1975	
27.807	416.994	08	38	FEB 06,1975	
27.840	416.994	08	40	FEB 06,1975	
27.874	416.994	08	42	FEB 06,1975	
27.908	416.994	08	44	FEB 06,1975	
27.942	417.005	08	47	FEB 06,1975	
27.975	416.982	08	49	FEB 06,1975	
28.009	416.982	08	51	FEB 06,1975	
28.043	416.982	08	53	FEB 06,1975	
28.077	416.982	08	55	FEB 06,1975	
28.110	416.994	08	57	FEB 06,1975	
28.144	416.982	08	59	FEB 06,1975	
28.178	416.982	09	01	FEB 06,1975	
28.212	416.982	09	03	FEB 06,1975	
28.245	416.994	09	05	FEB 06,1975	
28.279	416.994	09	07	FEB 06,1975	
28.313	416.982	09	09	FEB 06,1975	

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28.347	417.005	09	11	FEB 06,1975	
28.380	416.994	09	13	FEB 06,1975	
28.414	416.994	09	15	FEB 06,1975	
28.448	416.994	09	17	FEB 06,1975	
28.482	416.994	09	19	FEB 06,1975	
28.515	416.982	09	21	FEB 06,1975	
28.549	416.994	09	23	FEB 06,1975	
28.583	416.994	09	25	FEB 06,1975	
28.617	416.994	09	27	FEB 06,1975	
28.650	416.994	09	29	FEB 06,1975	
28.684	416.994	09	31	FEB 06,1975	
28.718	416.982	09	33	FEB 06,1975	
28.752	416.982	09	35	FEB 06,1975	
28.785	416.994	09	37	FEB 06,1975	
28.819	417.005	09	39	FEB 06,1975	
28.853	416.994	09	41	FEB 06,1975	
28.887	416.994	09	43	FEB 06,1975	
28.920	416.982	09	45	FEB 06,1975	
28.954	416.982	09	47	FEB 06,1975	
28.988	416.982	09	49	FEB 06,1975	
29.022	416.982	09	51	FEB 06,1975	
29.055	416.982	09	53	FEB 06,1975	
29.089	416.982	09	55	FEB 06,1975	
29.123	415.982	09	57	FEB 06,1975	
29.157	416.982	09	59	FEB 06,1975	
29.190	416.982	10	01	FEB 06,1975	
29.224	416.982	10	03	FEB 06,1975	
29.258	416.982	10	05	FEB 06,1975	
29.292	416.994	10	07	FEB 06,1975	
29.325	416.982	10	10	FEB 06,1975	
29.359	416.994	10	12	FEB 06,1975	
29.393	416.994	10	14	FEB 06,1975	
29.427	416.982	10	16	FEB 06,1975	
29.460	416.994	10	18	FEB 06,1975	
29.494	416.982	10	20	FEB 06,1975	
29.528	417.005	10	22	FEB 06,1975	
29.561	416.982	10	24	FEB 06,1975	
29.595	416.971	10	26	FEB 06,1975	
29.628	416.994	10	28	FEB 06,1975	
29.663	416.982	10	30	FEB 06,1975	

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29.696	416.982	10 32	FEB 06,1975	
29.730	416.971	10 34	FEB 06,1975	
29.764	416.971	10 36	FEB 06,1975	
29.798	416.982	10 38	FEB 06,1975	
29.831	416.982	10 40	FEB 06,1975	
29.865	416.971	10 42	FEB 06,1975	
29.899	416.971	10 44	FEB 06,1975	
29.933	416.971	10 46	FEB 06,1975	
29.966	416.959	10 48	FEB 06,1975	
30.000	416.982	10 50	FEB 06,1975	
30.034	416.982	10 52	FEB 06,1975	
30.068	416.982	10 54	FEB 06,1975	
30.101	416.971	10 56	FEB 06,1975	
30.135	416.971	10 58	FEB 06,1975	
30.169	416.982	11 00	FEB 06,1975	
30.203	416.982	11 02	FEB 06,1975	
30.236	416.982	11 04	FEB 06,1975	
30.270	416.982	11 06	FEB 06,1975	
30.304	416.982	11 08	FEB 06,1975	
30.338	416.982	11 10	FEB 06,1975	
30.371	416.982	11 12	FEB 06,1975	
30.405	416.982	11 14	FEB 06,1975	
30.439	416.971	11 16	FEB 06,1975	
30.473	416.971	11 18	FEB 06,1975	
30.506	416.994	11 20	FEB 06,1975	
30.540	416.994	11 22	FEB 06,1975	
30.574	416.982	11 24	FEB 06,1975	
30.608	416.982	11 26	FEB 06,1975	
30.641	416.994	11 28	FEB 06,1975	
30.675	416.994	11 31	FEB 06,1975	
30.709	416.994	11 33	FEB 06,1975	
30.743	416.982	11 35	FEB 06,1975	
30.776	416.982	11 37	FEB 06,1975	
30.810	416.971	11 39	FEB 06,1975	
30.844	416.971	11 41	FEB 06,1975	
30.878	416.982	11 43	FEB 06,1975	
30.911	416.982	11 45	FEB 06,1975	
30.945	416.982	11 47	FEB 06,1975	
30.979	416.982	11 49	FEB 06,1975	
31.013	416.982	11 51	FEB 06,1975	

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31.046	416.971	11 53	FEB 06,1975	
31.080	416.971	11 55	FEB 06,1975	
31.114	416.971	11 57	FEB 06,1975	
31.148	416.982	11 59	FEB 06,1975	
31.181	416.971	12 01	FEB 06,1975	
31.215	416.971	12 03	FEB 06,1975	
31.249	416.971	12 05	FEB 06,1975	
31.283	416.971	12 07	FEB 06,1975	
31.316	416.971	12 09	FEB 06,1975	
31.350	416.982	12 11	FEB 06,1975	
31.384	416.982	12 13	FEB 06,1975	
31.418	416.982	12 15	FEB 06,1975	
31.451	416.971	12 17	FEB 06,1975	
31.485	416.982	12 19	FEB 06,1975	
31.519	416.982	12 21	FEB 06,1975	
31.553	416.982	12 23	FEB 06,1975	
31.586	416.982	12 25	FEB 06,1975	
31.620	416.982	12 27	FEB 06,1975	
31.654	416.971	12 29	FEB 06,1975	
31.687	416.959	12 31	FEB 06,1975	
31.721	416.971	12 33	FEB 06,1975	
31.755	416.971	12 35	FEB 06,1975	
31.789	416.959	12 37	FEB 06,1975	
31.822	416.971	12 39	FEB 06,1975	
31.856	416.971	12 41	FEB 06,1975	
31.890	416.982	12 43	FEB 06,1975	
31.924	416.982	12 45	FEB 06,1975	
31.957	416.994	12 47	FEB 06,1975	
31.991	416.982	12 49	FEB 06,1975	
32.025	416.982	12 51	FEB 06,1975	
32.059	416.971	12 54	FEB 06,1975	
32.092	416.971	12 56	FEB 06,1975	
32.126	416.982	12 58	FEB 06,1975	
32.160	416.982	13 00	FEB 06,1975	
32.194	416.982	13 02	FEB 06,1975	
32.227	416.971	13 04	FEB 06,1975	
32.261	416.971	13 06	FEB 06,1975	
32.295	416.971	13 08	FEB 06,1975	
32.329	416.971	13 10	FEB 06,1975	
32.362	416.971	13 12	FEB 06,1975	

JOB NUMBER
SPG-11228-2

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR	MIN	DATE	COMMENTS
32.396	416.971	13	14	FEB 06,1975	
32.430	416.982	13	16	FEB 06,1975	
32.464	416.982	13	18	FEB 06,1975	
32.497	416.971	13	20	FEB 06,1975	
32.531	416.971	13	22	FEB 06,1975	
32.565	416.971	13	24	FEB 06,1975	
32.599	416.959	13	26	FEB 06,1975	
32.632	416.959	13	28	FEB 06,1975	
32.666	416.959	13	30	FEB 06,1975	
32.700	416.971	13	32	FEB 06,1975	
32.734	416.971	13	34	FEB 06,1975	
32.767	416.971	13	36	FEB 06,1975	
32.801	416.971	13	38	FEB 06,1975	
32.835	416.971	13	40	FEB 06,1975	
32.869	416.971	13	42	FEB 06,1975	
32.902	416.971	13	44	FEB 06,1975	
32.936	416.959	13	46	FEB 06,1975	
32.970	416.959	13	48	FEB 06,1975	
33.004	416.959	13	50	FEB 06,1975	
33.037	416.959	13	52	FEB 06,1975	
33.071	416.959	13	54	FEB 06,1975	
33.105	416.959	13	56	FEB 06,1975	
33.139	416.959	13	58	FEB 06,1975	
33.172	416.959	14	00	FEB 06,1975	
33.206	416.959	14	02	FEB 06,1975	
33.240	416.959	14	04	FEB 06,1975	
33.274	416.959	14	06	FEB 06,1975	
33.307	416.959	14	08	FEB 06,1975	
33.341	416.971	14	10	FEB 06,1975	
33.375	416.971	14	12	FEB 06,1975	
33.409	416.982	14	15	FEB 06,1975	
33.442	416.959	14	17	FEB 06,1975	
33.476	416.959	14	19	FEB 06,1975	
33.510	416.959	14	21	FEB 06,1975	END JETTING TO
33.544	416.948	14	23	FEB 06,1975	START RECOVERY
33.577	416.959	14	25	FEB 06,1975	
33.611	416.959	14	27	FEB 06,1975	
33.645	416.959	14	29	FEB 06,1975	
33.679	416.959	14	31	FEB 06,1975	
33.712	416.959	14	33	FEB 06,1975	

JOB NUMBER
SPG-11228-2

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.746	416.959	14 35	FEB 06,1975	
33.780	416.971	14 37	FEB 06,1975	
33.813	416.959	14 39	FEB 06,1975	
33.847	416.959	14 41	FEB 06,1975	
33.881	416.959	14 43	FEB 06,1975	
33.915	416.971	14 45	FEB 06,1975	
33.949	416.971	14 47	FEB 06,1975	
33.982	416.959	14 49	FEB 06,1975	
34.016	416.959	14 51	FEB 06,1975	
34.050	416.948	14 53	FEB 06,1975	
34.083	416.948	14 55	FEB 06,1975	
34.117	416.948	14 57	FEB 06,1975	
34.151	416.948	14 59	FEB 06,1975	
34.185	416.948	15 01	FEB 06,1975	
34.218	416.948	15 03	FEB 06,1975	
34.252	416.948	15 05	FEB 06,1975	
34.286	416.948	15 07	FEB 06,1975	
34.320	416.948	15 09	FEB 06,1975	
34.353	416.948	15 11	FEB 06,1975	
34.387	416.948	15 13	FEB 06,1975	
34.421	416.948	15 15	FEB 06,1975	
34.455	416.948	15 17	FEB 06,1975	
34.488	416.936	15 19	FEB 06,1975	
34.522	416.936	15 21	FEB 06,1975	
34.556	416.959	15 23	FEB 06,1975	
34.590	416.959	15 25	FEB 06,1975	
34.623	416.959	15 27	FEB 06,1975	
34.657	416.959	15 29	FEB 06,1975	
34.691	416.948	15 31	FEB 06,1975	
34.725	416.971	15 33	FEB 06,1975	
34.758	416.948	15 36	FEB 06,1975	
34.792	416.971	15 38	FEB 06,1975	
34.826	416.971	15 40	FEB 06,1975	
34.860	416.982	15 42	FEB 06,1975	
34.893	416.982	15 44	FEB 06,1975	
34.927	415.959	15 46	FEB 06,1975	
34.961	416.971	15 48	FEB 06,1975	
34.995	416.971	15 50	FEB 06,1975	
35.028	416.959	15 52	FEB 06,1975	
35.062	416.971	15 54	FEB 06,1975	

JOB NUMBER
SPG-11228-9

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
35.096	416.971	15 56	FEB 06,1975	
35.130	416.971	15 58	FEB 06,1975	
35.163	416.959	16 00	FEB 06,1975	
35.197	416.971	16 02	FEB 06,1975	
35.231	416.982	16 04	FEB 06,1975	
35.265	416.971	16 06	FEB 06,1975	
35.298	416.971	16 08	FEB 06,1975	
35.332	416.982	16 10	FEB 06,1975	
35.366	416.982	16 12	FEB 06,1975	
35.400	416.982	16 14	FEB 06,1975	
35.433	416.982	16 16	FEB 06,1975	
35.467	416.982	16 18	FEB 06,1975	
35.501	416.982	16 20	FEB 06,1975	
35.535	416.982	16 22	FEB 06,1975	
35.568	416.994	16 24	FEB 06,1975	
35.602	416.994	16 26	FEB 06,1975	
35.636	416.994	16 28	FEB 06,1975	
35.670	416.971	16 30	FEB 06,1975	
35.703	416.994	16 32	FEB 06,1975	
35.737	416.994	16 34	FEB 06,1975	
35.771	416.994	16 36	FEB 06,1975	
35.805	416.994	16 38	FEB 06,1975	
35.839	416.994	16 40	FEB 06,1975	
35.872	416.994	16 42	FEB 06,1975	
35.906	417.005	16 44	FEB 06,1975	
35.939	417.005	16 46	FEB 06,1975	
35.973	417.005	16 48	FEB 06,1975	
36.007	417.017	16 50	FEB 06,1975	
36.041	417.017	16 52	FEB 06,1975	
36.074	417.005	16 54	FEB 06,1975	
36.108	417.005	16 56	FEB 06,1975	
36.142	417.005	16 59	FEB 06,1975	
36.176	417.017	17 01	FEB 06,1975	
36.209	417.017	17 03	FEB 06,1975	
36.243	417.017	17 05	FEB 06,1975	
36.277	417.017	17 07	FEB 06,1975	
36.311	417.005	17 09	FEB 06,1975	
36.344	417.005	17 11	FEB 06,1975	
36.378	417.005	17 13	FEB 06,1975	
36.412	417.005	17 15	FEB 06,1975	

JOB NUMBER
SPG-11228-[illegible]

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MPT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME		DATE	COMMENTS
		HR	MIN		
36.446	416.994	17	17	FEB 06,1975	
36.479	417.005	17	19	FEB 06,1975	
36.513	417.005	17	21	FEB 06,1975	
36.547	417.005	17	23	FEB 06,1975	
36.581	417.005	17	25	FEB 06,1975	
36.614	417.005	17	27	FEB 06,1975	
36.648	417.005	17	29	FEB 06,1975	
36.682	417.005	17	31	FEB 06,1975	
36.716	417.005	17	33	FEB 06,1975	
36.749	417.017	17	35	FEB 06,1975	
36.783	417.017	17	37	FEB 06,1975	
36.817	417.005	17	39	FEB 06,1975	
36.851	417.005	17	41	FEB 06,1975	
36.884	417.005	17	43	FEB 06,1975	
36.918	417.005	17	45	FEB 06,1975	
36.952	417.005	17	47	FEB 06,1975	
36.986	417.017	17	49	FEB 06,1975	
37.019	417.029	17	51	FEB 06,1975	
37.053	417.017	17	53	FEB 06,1975	
37.087	417.017	17	55	FEB 06,1975	
37.121	417.017	17	57	FEB 06,1975	
37.154	417.005	17	59	FEB 06,1975	
37.188	417.017	18	01	FEB 06,1975	
37.222	417.017	18	03	FEB 06,1975	
37.256	417.005	18	05	FEB 06,1975	
37.289	417.005	18	07	FEB 06,1975	
37.323	417.005	18	09	FEB 06,1975	
37.357	416.994	18	11	FEB 06,1975	
37.391	416.994	18	13	FEB 06,1975	
37.424	417.005	18	15	FEB 06,1975	
37.458	416.994	18	17	FEB 06,1975	
37.492	417.005	18	20	FEB 06,1975	
37.526	417.005	18	22	FEB 06,1975	
37.559	417.005	18	24	FEB 06,1975	
37.593	417.005	18	26	FEB 06,1975	
37.627	417.005	18	28	FEB 06,1975	
37.661	417.005	18	30	FEB 06,1975	
37.694	417.005	18	32	FEB 06,1975	
37.728	417.005	18	34	FEB 06,1975	
37.762	417.017	18	36	FEB 06,1975	

JOB NUMBER
SPG-11228-[illegible]

DATE OF JOB
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER
145 MFT-10

DATE OF RUN

SPERRY-SUN
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
37.796	417.017	18 38	FEB 06,1975	
37.829	417.017	18 40	FEB 06,1975	
37.863	417.029	18 42	FEB 06,1975	
37.897	417.017	18 44	FEB 06,1975	
37.931	417.017	18 46	FEB 06,1975	
37.964	417.017	18 48	FEB 06,1975	
37.998	417.017	18 50	FEB 06,1975	
38.032	417.029	18 52	FEB 06,1975	
38.065	417.029	18 54	FEB 06,1975	
38.099	417.017	18 56	FEB 06,1975	
38.133	417.040	18 58	FEB 06,1975	UNSEAT PACKERS
38.167	416.994	19 00	FEB 06,1975	END OF TEST

1132 POINTS REPORTED THIS RUN

JOHNSTON

Schlumberger

technical report

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JAN 2 1975

A. J. ROGERS

II B-888

F.R. #04370 C

COMPANY ATLANTIC-RICHFIELD CO. WELL FEDERAL S-G #1 TEST NO. 1 COUNTY RIO BLANCO STATE COLORADO

JOHNSTON
...found a better way

SURFACE INFORMATION

ription (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
SET PACKER	1220	-	-
INJECTING AIR INTO OPEN			
HOLE ABOVE PACKER TO			
CHECK FOR LEAKS AROUND			
PACKER SEAT.			
PULLED PACKER LOOSE	1452	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size -

MUD DATA

Mud Type WATER SOAP Wt. -
Viscosity - Water Loss - C.C.
Resist: of Mud - @ - °F; of Filtrate - @ - °F
Chloride Content - PPM

EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE OPEN HOLE
Formation Tested PARACHUTE CREEK
Elevation 6430 Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From GROUND
Total Depth 2750 Ft.
Main Hole/Casing Size 6 3/4"
Rat Hole/Liner Size -
Drill Collar Length 207' I.D. -
Drill Pipe Length 1707' I.D. -
Packer Depth(s) 1930 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure P.S.I.G. at Surface
Recovery: Cu. Ft. Gas
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity °API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
-						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks:

Address 1500 SECURITY LIFE BUILDING; DENVER, COLORADO 80202
ompany ATLANTIC-RICHFIELD COMPANY Field SORGHUM GULCH
Well FEDERAL S-G #1 Location NNSE, SEC. 2-T3S-R97W
Test Interval 1930' TO 2750' Test # 1 Date 12-18-74
County RIO BLANCO State COLORADO
Technician MOUDRY (VERNAL) Test Approved By MR. FRED BURNS
Field Report No. 04370 C
No. Reports Requested 14(13x's)

II B-889

PRESSURE DATA

Instrument No.		J-405		
Capacity (P.S.I.G.)		2800		
Instrument Depth		1932'		
Instrument Opening		OUTSIDE		
Pressure Gradient P.S.I./Ft.				
Well Temperature °F.		-		
Initial Hydrostatic Mud	A	-		
Initial Shut-in	B	-		
Initial Flow	C	-		
Final Flow	D	-		
Final Shut-in	E	-		
Final Hydrostatic Mud	F	-		

Field Report No. 04370 C

TIME DATA

Time Given	Time Computed
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.

Remarks:
1 814.7
2 709.2
3 681.0
4 751.5
READ AT 100°F.

**Shut in pressure did not reach static reservoir pressure.*

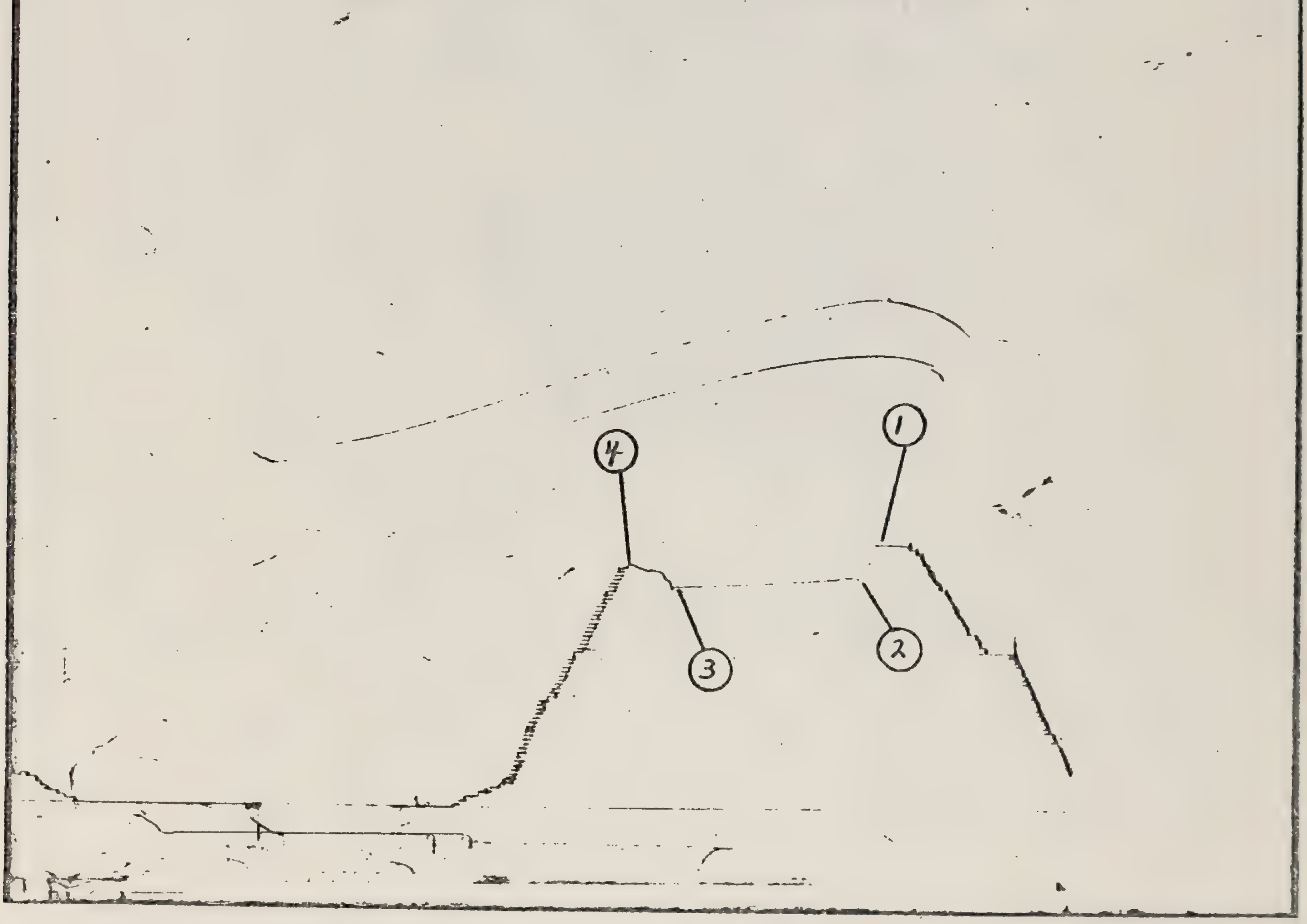
Clock Travel ________ inches per min.

PRESSURE INCREMENTS

Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$

JOHNSTON

FIELD REPORT NO.	RECORDER NO.
04370 C	J-405
CAPACITY	REPORTS REQUESTED
2800#	14-



JRM

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FEB 2[illegible] 1975
A. J. ROGERS

JOHNSTON
Schlumberger

technical report

II B-892

F.R. #04371 C

COMPANY ATLANTIC RICHFIELD COMPANY
WELL FEDERAL S.G. #1
TEST NO. 2
COUNTY RIO BLANCO
STATE COLORADO

JOHNSTON
...found a better way

SURFACE INFORMATION

scription (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
SET PACKER	2050	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size -

EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE STRADDLE OPEN /HOLE
Formation Tested -
Elevation 6428 G.L. Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From GROUND LEVEL
Total Depth 2525 Ft.
Main Hole/Casing Size 6 3/4"
Rat Hole/Liner Size 6 1/4"
Drill Collar Length 120' I.D. -
Drill Pipe Length 745' I.D. -
Packer Depth(s) 907 & 944 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure ______ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas ______
cc. Oil ______
cc. Water ______
cc. Mud ______
Tot. Liquid cc. ______
Gravity ______ °API @ ______ °F.
Gas/Oil Ratio ______ cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm

MUD DATA

Mud Type WATER Wt. -
Viscosity - Water Loss - C.C.
Resist: of Mud - @ - °F; of Filtrate - @ - °F
Chloride Content - PPM

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
-						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: RAN TOOLS IN HOLE TO 907'. COULDN'T SET SELECTIVE ZONE ANCHOR. PULLED UP 90'. SELECTIVE ZONE ANCHOR SET. PULLED LOOSE. RAN BACK TO 907'; SET SELECTIVE ZONE ANCHOR, AND PACKER.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202

Company ATLANTIC RICHFIELD COMPANY
Field SORGHUM GULCH
Well FEDERAL S.G. #1
Location SEC. 2-3S-97W
Test Interval 907' TO 944'
Test # 2
Date 1-17-75
County RIO BLANCO
State COLORADO
Technician MC LAUGHLIN (VERNAL)
Test Approved By MR. CHARLES BERGONZINI
Field Report No. 04371 C
No. Reports Requested 14 (13x)

EQUIPMENT SEQUENCE

COMPONENTS	SIZE / TYPE	LENGTH
DRILL PIPE	2 7/8" / H-90	745.00'
DRILL COLLARS	4 3/4" / RIF	120.12'
RECORDER CARRIER	SPERRY-SUN	17.00'
RECORDER	4 7/8" / J-200	6.00'
SAFETY JOINT	4 3/4"	2.00'
PERFORATED ANCHOR	4 3/4" / HEVY.	2.00'
PACKER	5 3/4" / B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY.	31.00'
RECORDER	4 7/8" / J-200	6.00'
BLANK-OFF SUB	4 3/4"	.60'
PACKER	5 3/4" / B.T.	6.00'
SUB	4 3/4" / SPERRY-SUN	1.70'
PERFORATED ANCHOR	4 3/4"	12.00'
RECORDER	4 7/8" / J-200	6.00'
SELECTIVE ZONE ANCHORING DEVICE	6 3/4" / HOOK WALL	6.00'

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
INITIAL HYDROSTATIC IMMEDIATELY AFTER SETTING PACKER. (1-17-75)	2050	0	355.5	372.9	387.1
		2	355.5	372.9	
		4	355.5	372.9	
		6	355.5	372.9	
		8	355.5	372.9	
STARTED JETTING WATER FROM WELL 1-A TO SEE IF FLUID LEVEL IN THIS WELL CHANGED	2100	10	355.5	372.9	
		12	355.5	372.9	
		14	355.5	372.9	NO MEASURABLE VARIATION IN PRESSURES DURING TEST.
		16	355.5	372.0	
		18	355.5	370.7	
		20	354.9	370.1	
		22	353.6	369.4	
		24	353.0	369.1	
		26	352.3	368.8	
		28	352.0	368.5	
		30	351.7	367.8	
		32	351.4	367.5	
		34	351.1	367.5	
		36	350.8	367.2	
		38	350.4	366.9	
		40	350.4	366.6	
		42	350.1	366.2	
		44	349.8	366.2	
		46	349.5	365.9	
		48	349.5	365.9	
		50	349.2	365.6	
		52	348.9	365.3	
		54	348.9	365.3	
		56	348.9	365.3	
		58	348.5	365.3	
		60	348.5	365.3	
		62	348.2	365.3	
		64	348.2	365.3	
		66	347.9	365.3	
		68	347.6	365.3	
		70	347.6	365.3	
		72	347.3	365.3	
		74	347.3	365.3	
		76	347.3	365.3	
		78	347.3	364.6	
		80	347.3	364.3	
		82	347.3	364.3	
		84	347.0	364.0	
		86	346.6	363.7	
		88	346.6	363.7	
		90	346.6	363.4	
		92	346.3	363.1	
		94	346.3	362.7	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		96	346.3	362.7	
		98	346.3	362.7	
		100	346.3	362.7	
		102	346.0	362.4	
		104	346.0	362.4	
		106	346.0	362.4	
		108	345.7	362.4	
		110	345.7	362.4	
		112	345.7	362.1	
		114	345.7	362.1	
		116	345.4	362.1	
		118	345.4	362.1	
		120	345.4	362.1	
		122	345.4	361.8	
		124	345.4	361.8	
		126	345.0	361.8	
		128	345.0	361.5	
		130	345.0	361.5	
		132	345.0	361.1	
		134	345.0	361.1	
		136	344.7	361.1	
		138	344.7	361.1	
		140	344.7	361.1	
		142	344.4	361.1	
		144	344.4	360.8	
		146	344.4	360.8	
		148	344.1	360.8	
		150	344.1	360.8	
		152	344.1	360.8	
		154	344.1	360.8	
		156	344.1	360.8	
		158	344.1	360.8	
		160	344.1	360.8	
		162	344.1	360.8	
		164	344.1	360.5	
		166	343.8	360.5	
		168	343.8	360.5	
		170	343.8	360.5	
		172	343.8	360.5	
		174	343.8	360.5	
		176	343.5	360.2	
		178	343.5	360.2	
		180	343.5	360.2	
		182	343.5	360.2	
		184	343.5	359.9	
		186	343.1	359.9	
		188	343.1	359.9	
		190	343.1	359.9	
		192	343.1	359.6	
		194	343.1	359.6	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		196	343.1	359.6	
		198	342.8	359.6	
		200	342.8	359.6	
		202	342.8	359.6	
		204	342.8	359.6	
		206	342.8	359.6	
		208	342.8	359.6	
		210	342.8	359.2	
		212	342.8	359.2	
		214	342.8	359.2	
		216	342.8	359.2	
		218	342.8	359.2	
		220	342.5	359.2	
		222	342.5	358.9	
		224	342.5	358.9	
		226	342.5	358.9	
		228	342.5	358.9	
		230	342.5	358.9	
		232	342.5	358.9	
		234	342.5	358.9	
		236	342.5	358.9	
		238	342.2	358.6	
		240	342.2	358.6	
		250	341.9	358.3	
		260	341.9	358.0	
		270	341.9	358.0	
		280	341.6	357.6	
		290	341.6	357.3	
		300	341.6	357.3	
		310	341.2	357.0	
		320	340.9	357.0	
		330	340.9	357.0	
		340	340.9	357.0	
		350	340.9	357.0	
		360	340.9	357.0	
		370	340.9	357.0	
		380	340.9	357.0	
		390	340.9	357.0	
		400	340.9	356.7	
		410	340.6	356.4	
		420	340.6	356.4	
		430	340.6	356.4	
		440	340.3	356.4	
		450	340.3	356.4	
		460	340.0	356.4	
		470	340.0	356.4	
		480	340.0	356.4	
		490	339.7	356.0	
		500	339.7	356.0	
		510	339.3	356.0	

II B-897

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		520	339.3	356.0	
		530	339.3	355.7	
		540	339.0	355.7	
		550	339.0	355.7	
		560	338.7	355.7	
		570	338.7	355.4	
		580	338.4	355.1	
		590	338.4	355.1	
		600	338.4	355.1	
		610	338.4	355.1	
		620	338.4	355.7	
		630	338.1	355.7	
		640	338.1	355.4	
		650	337.8	354.8	
		660	337.8	354.8	
		670	337.8	354.8	
		680	337.8	354.8	
		690	337.8	354.5	
		700	337.8	354.5	
		710	337.8	354.8	
		720	337.8	354.8	
		730	337.8	354.8	
		740	337.8	354.8	
		750	337.8	354.8	
		760	337.8	354.5	
		770	337.8	354.1	
		780	337.8	354.1	
		790	337.8	354.1	
		800	337.8	354.1	
		810	337.8	354.1	
		820	337.8	354.1	
		830	337.8	353.8	
		840	337.8	353.8	
		850	337.8	353.8	
		860	337.8	353.8	
		870	337.8	353.8	
		880	337.8	353.8	
		890	337.8	353.8	
		900	337.8	353.8	
		910	337.8	353.8	
		920	337.8	354.5	
		930	337.8	354.5	
		940	337.8	354.5	
		950	337.8	354.5	
		960	337.8	354.5	
		970	337.8	354.5	
		980	337.8	354.5	
		990	337.8	354.5	
	II B-898	1000	337.8	354.5	
		1010	337.8	354.5	
		1020	337.8	354.5	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.
		1030	337.8	354.5	
		1040	337.8	354.1	
		1050	337.8	354.1	
		1060	337.8	354.1	
		1070	337.8	354.1	
		1080	337.8	354.1	
		1090	337.4	354.1	
		1100	337.4	353.8	
		1110	337.1	353.8	
		1120	337.1	353.5	
		1130	337.1	353.5	
		1140	337.1	353.5	
		1150	336.8	353.5	
		1160	336.8	353.5	
		1170	336.8	353.8	
		1180	336.8	354.5	
		1190	336.8	354.1	
		1200	336.8	353.8	
		1210	336.8	353.8	
		1220	336.8	353.8	
		1230	336.8	353.8	
		1240	336.8	353.5	
		1250	336.8	353.5	
		1260	336.8	353.8	
		1270	336.8	353.8	
		1280	336.8	353.8	
		1290	336.8	353.8	
		1300	336.8	353.5	
		1310	336.8	353.5	
		1320	336.8	353.5	
		1330	336.8	353.2	
		1340	336.8	353.2	
		1350	336.8	352.9	
		1360	336.8	352.9	
		1370	336.8	352.9	
		1380	336.5	352.9	
		1390	336.5	352.5	
		1400	336.5	352.5	
		1410	336.5	352.5	
		1420	336.5	352.5	
		1430	336.5	352.5	
		1440	336.5	352.5	
STOPPED JETTING. (1-18-75)	2100	1450	336.5	352.5	
		1460	336.5	352.5	
		1462	336.8	353.2	
		1464	336.8	353.5	
		1466	336.8	353.8	
		1468	336.8	354.1	
		1470	336.8	354.5	
		1472	336.8	354.8	
		1474	336.8	354.8	

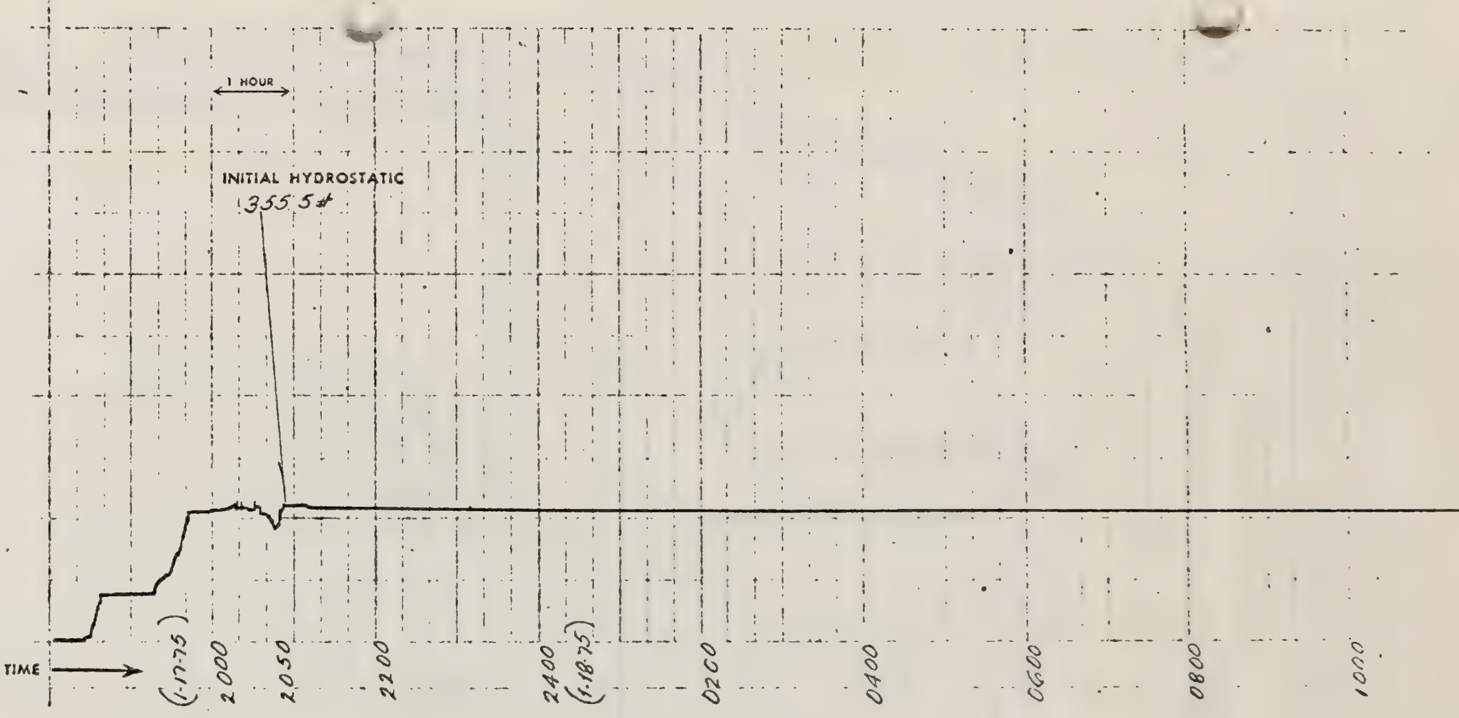
DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		1476	336.8	355.1	
		1478	336.8	355.4	
		1480	336.8	355.7	
		1482	337.1	355.7	
		1484	337.1	356.0	
		1486	337.1	356.4	
		1488	337.1	356.4	
		1490	337.1	356.4	
		1492	337.1	356.7	
		1494	337.1	357.0	
		1496	337.1	357.0	
		1498	337.4	357.0	
		1500	337.8	357.0	
		1502	337.8	357.3	
		1504	337.8	357.3	
		1506	337.8	357.6	
		1508	338.1	358.0	
PULLED PACKER LOOSE	2200	1510	338.4	358.0	387.1
HYDROSTATIC AFTER PULLING LOOSE	-	-	343.8	363.7	378.7

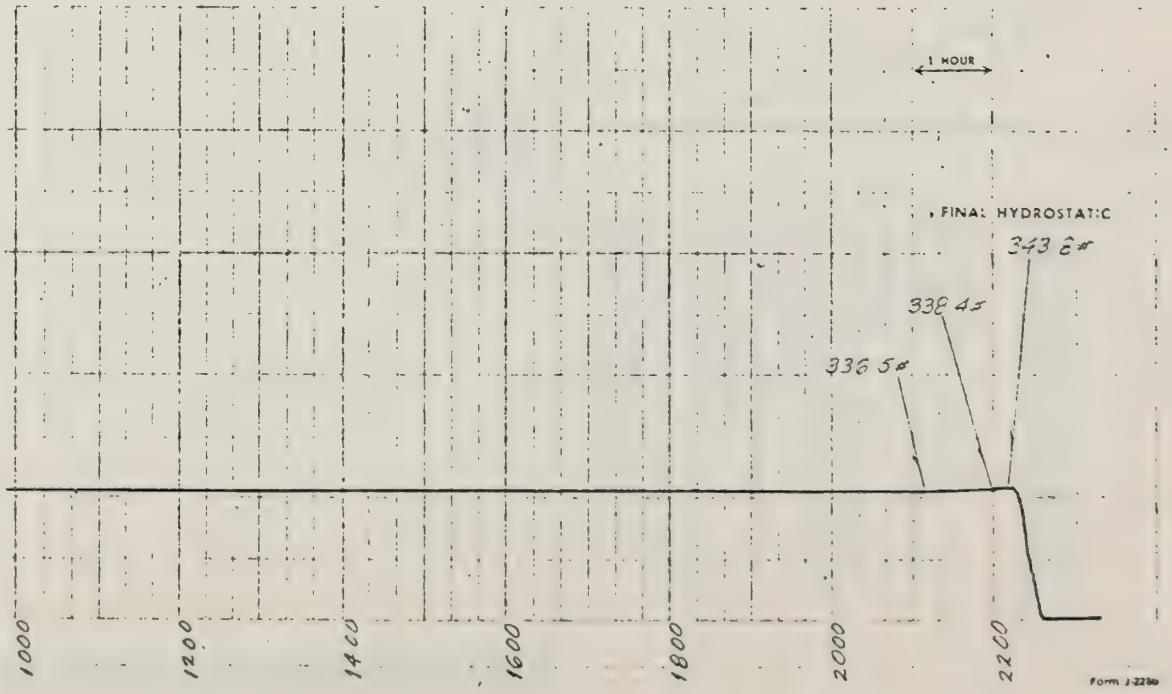
JOHNSTON

PRESSURE LOG*

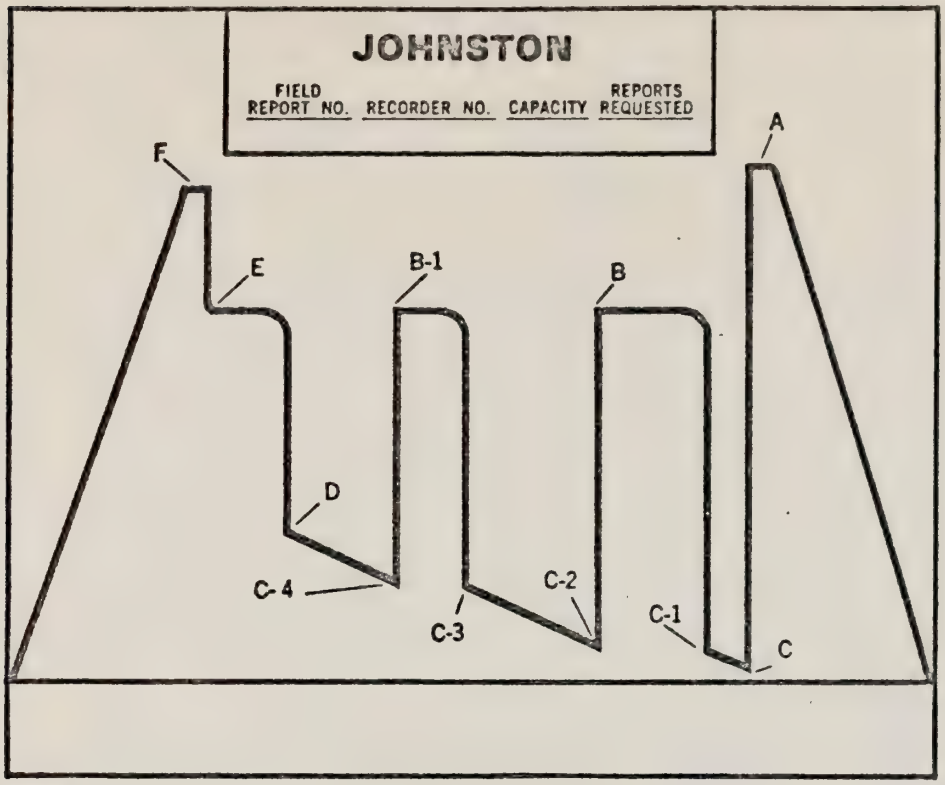
Field Report No. 04371 C
Instrument: Number J-068
Capacity 1600 p.s.i.
Depth 898 ft.

*a continuous tracing of the original chart





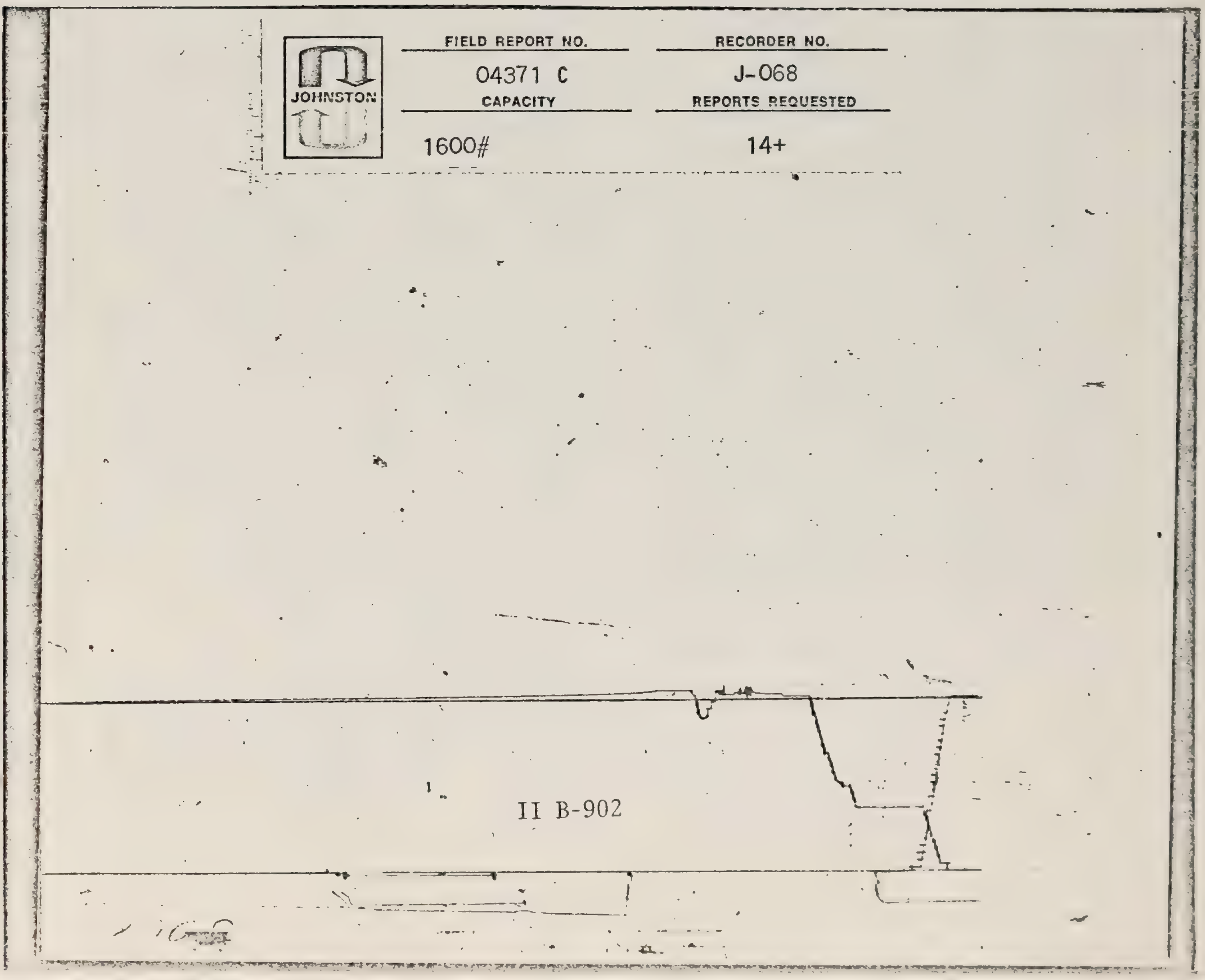
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
A
B
B-1
C
C-1
C-2
C-3
C-4
D
E
F

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.	RECORDER NO.
04371 C	J-068
CAPACITY	**REPORTS REQUESTED**
1600#	14+

II B-902

JOHNSTON

PRESSURE LOG*

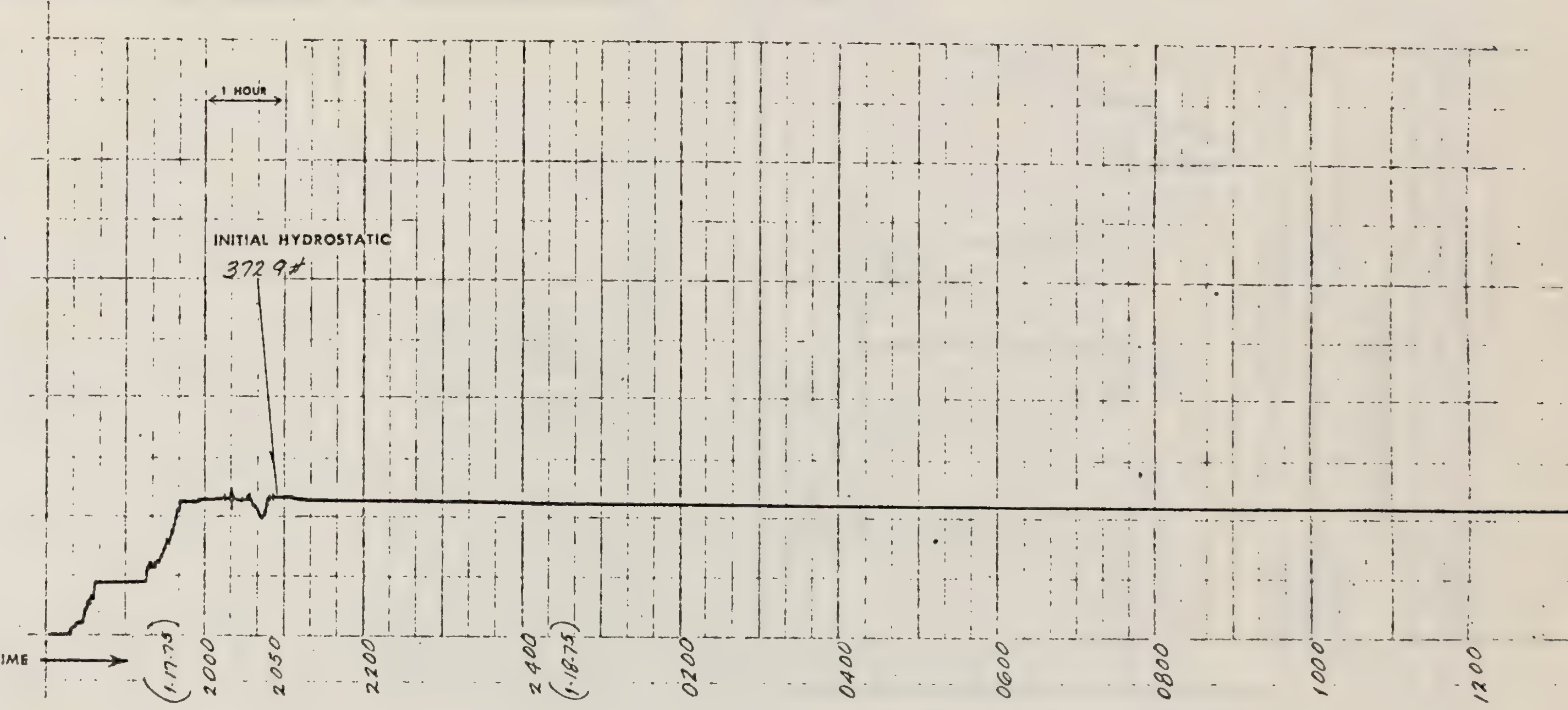
Field Report No. 04371 C

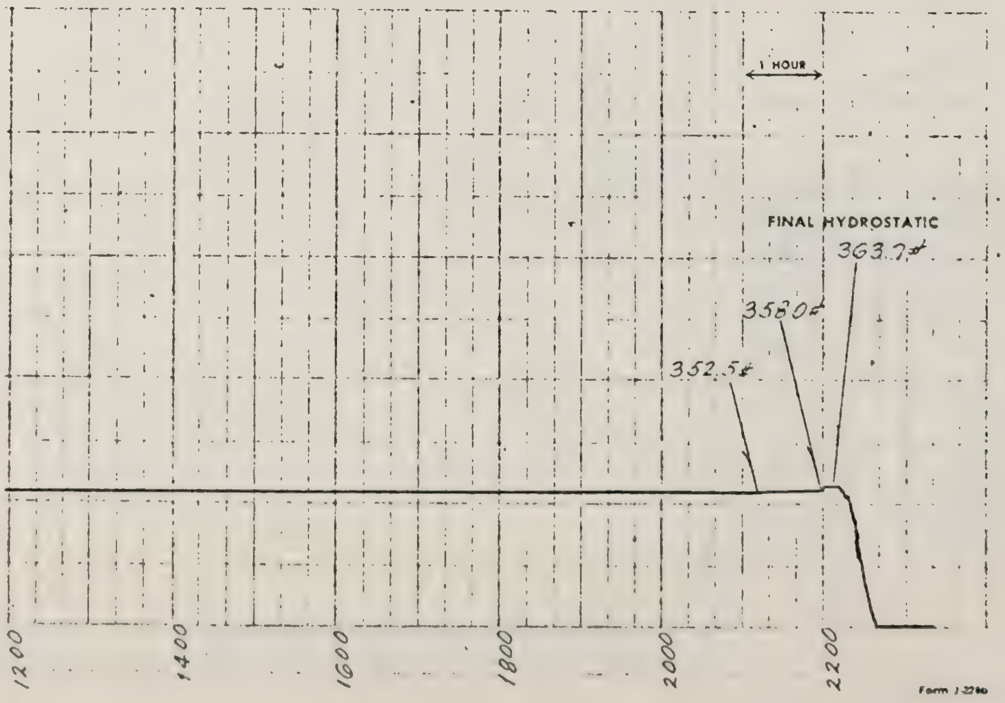
Instrument: Number J-080

Capacity 1600 p.s.i.

Depth 937 ft.

*a continuous tracing of the original chart

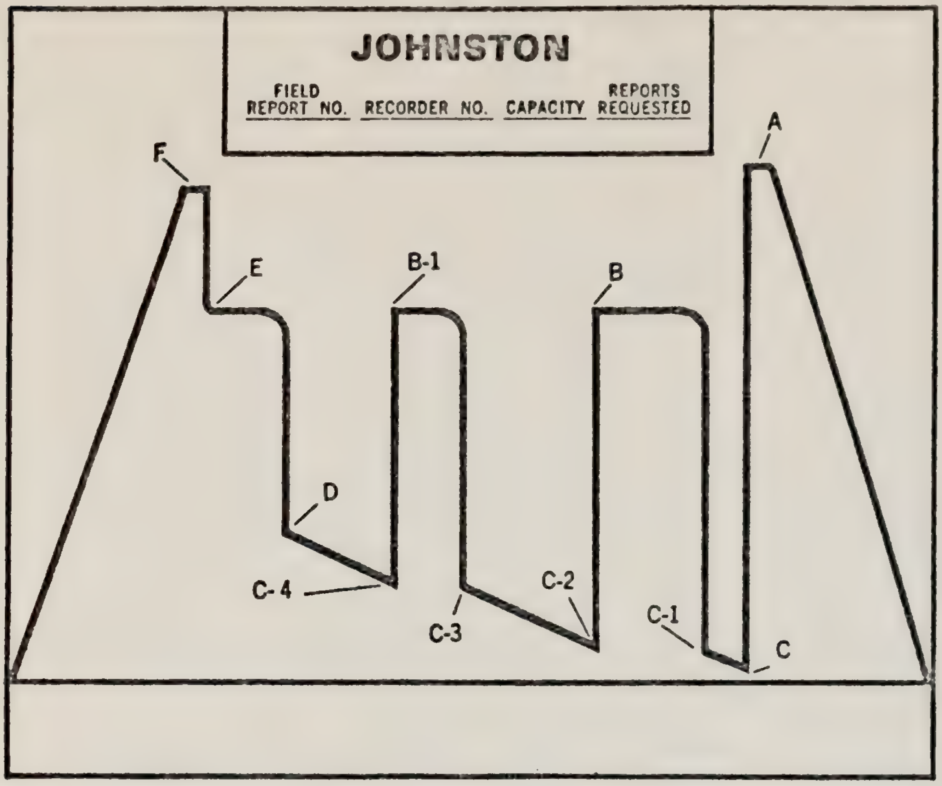




Form J-2260

JOHNSTON
...found a better way

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
F
E
B-1
B
A
D
C-4
C-3
C-2
C-1
C

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

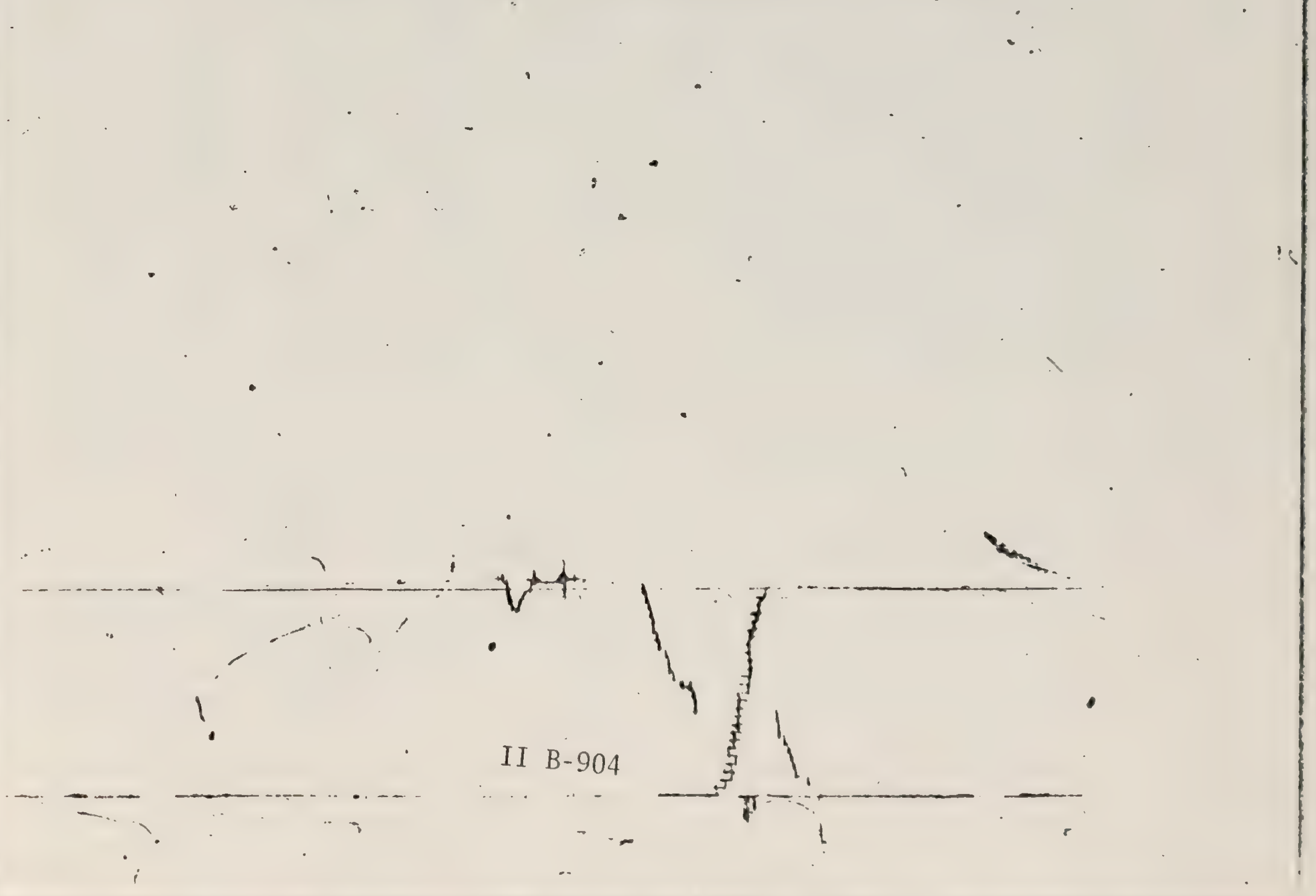
The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

080

JOHNSTON

FIELD REPORT NO.	RECORDER NO.
04371 C	J-080
CAPACITY	REPORTS REQUESTED
1600#	14+



II B-904

JOHNSTON

PRESSURE LOG*

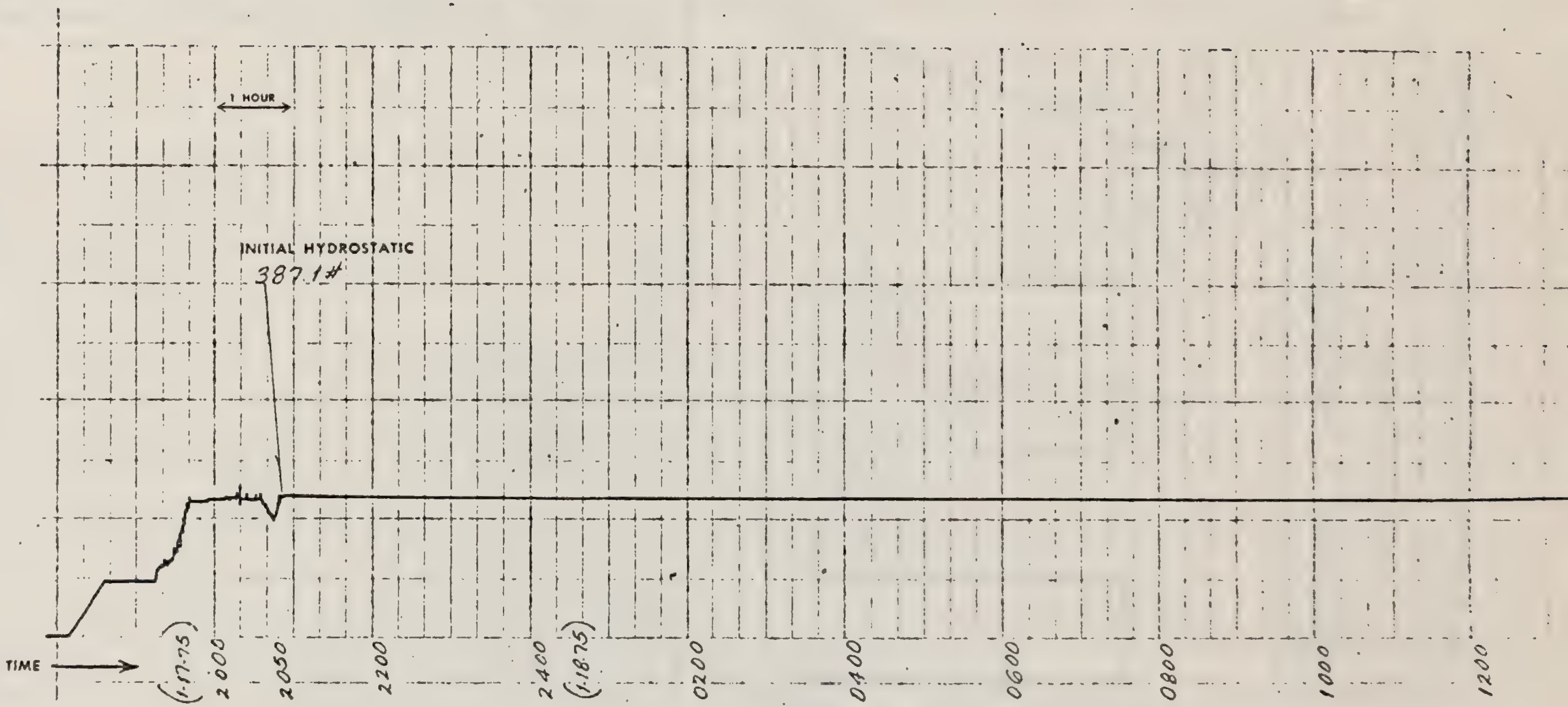
Field Report No. 04371 C

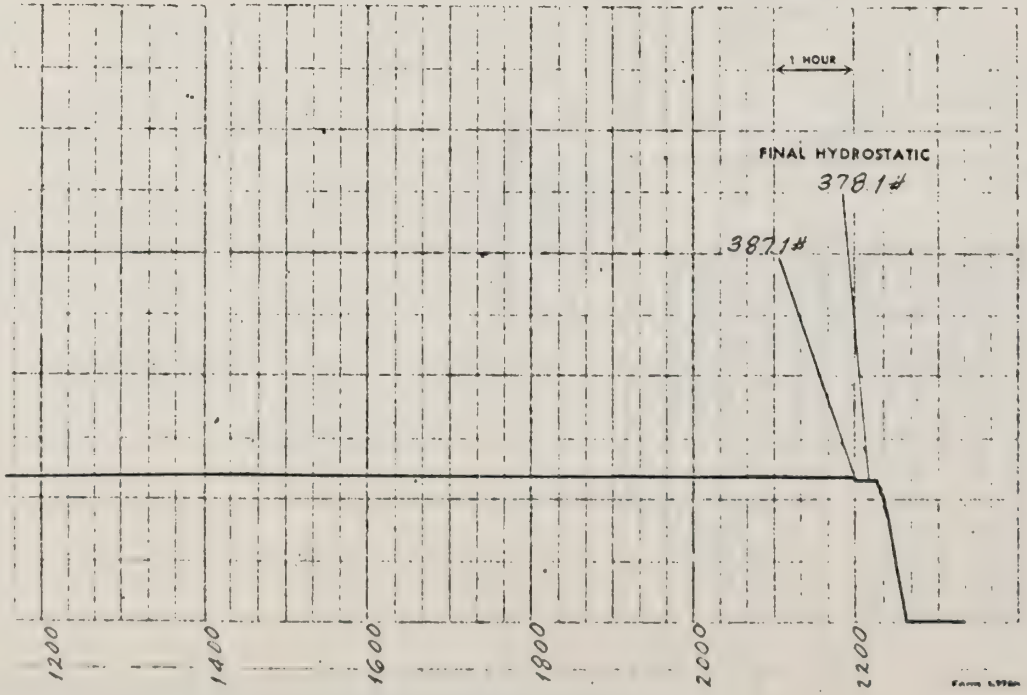
Instrument: Number J. 114

Capacity 1600 p.s.i.

Depth 964 ft.

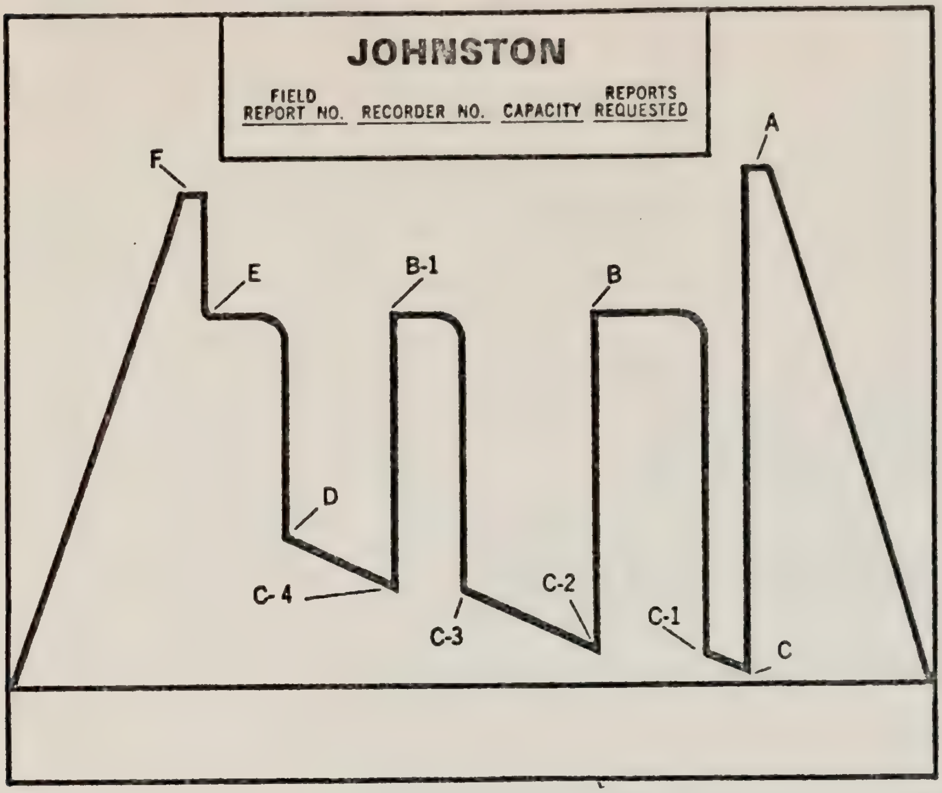
*a continuous tracing of the original chart





JOHNSTON
...found a better way

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
A
F
E
B-1
B
D
C-4
C-3
C-2
C-1
C

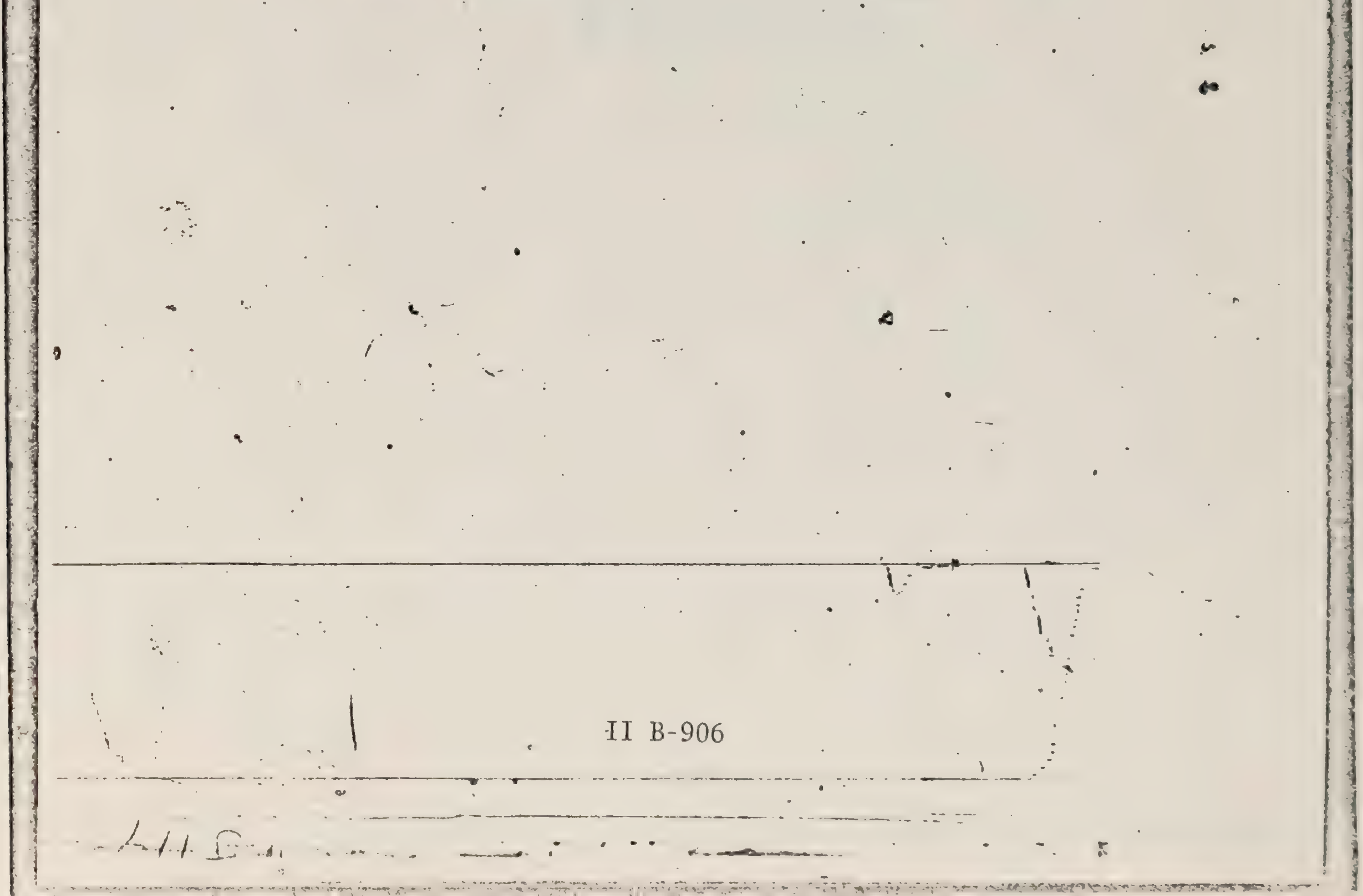
A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

JOHNSTON

FIELD REPORT NO.	RECORDER NO.
04371 C	J-114
CAPACITY	**REPORTS REQUESTED**
1600#	14+



II B-906

-411 S

RECEIVED
FE [illegible] 5
A. J. [illegible]

JOHNSTON
Schlumberger

technical report

COMPANY ATLANTIC RICHFIELD COMPANY
WELL FEDERAL S.G. #1
TEST NO. 3
COUNTY RIO BLANCO
STATE COLORADO

II B-907

F.R. #04372 C

PAGE 1

JOHNSTON
...found a better way

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
SET PACKER (1-19-75)	0218	-	-
(1-21-75)			
PULLED PACKER LOOSE	0230	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size -

MUD DATA

Mud Type WATER Wt. -
Viscosity - Water Loss - C.C.
Resist: of Mud - @ - °F; of Filtrate - @ - °F
Chloride Content - PPM

EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE STRADDLE OPEN /HOLE
Formation Tested -
Elevation 6428 G.L. Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From GROUND LEVEL
Total Depth 2525 Ft.
Main Hole/Casing Size 6 3/4"
Rat Hole/Liner Size -
Drill Collar Length 120' I.D. -
Drill Pipe Length 776' I.D. -
Packer Depth(s) 944 & 968 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure P.S.I.G. at Surface
Recovery: Cu. Ft. Gas
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity °API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
-						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: FLUID LEVEL DOWN 159'.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202
Company ATLANTIC RICHFIELD COMPANY Field SORGHUM GULCH
Well FEDERAL S.G. #1 Location SEC.2-3S-97W
Test Interval 944' TO 968' Test # 3 Date 1-19-75
County RIO BLANCO State COLORADO
Technician MC LAUGHLIN(VERNAL) Test Approved By MR. CHARLES BERGONZINI
Field Report No. 04372 C
No. Reports Requested 14(13x)

COMPONENTS	SIZE / TYPE	LENGTH
DRILL PIPE	2 7/8" / H-90	776.50'
DRILL COLLAR	4 3/4" / RIF	120.12'
RECORDER CARRIER	SPERRY-SUN	17.00'
RECORDER	4 7/8" / J-200	6.00'
PERFORATED ANCHOR	4 3/4" / HEVY	2.00'
SAFETY JOINT	4 3/4" / JT	2.00'
PACKER	5 3/4"/ B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY	12.00'
RECORDER	4 7/8" / J-200	6.00'
PACKER	5 3/4" / B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY	12.00'
RECORDER	4 7/8" / J-200	6.00'
SELECTIVE ZONE ANCHORING DEVICE	6 3/4"	6.00'

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
PRESSURE IMMEDIATELY AFTER PACKER WAS SET(1-19-75)	0218	0	365.0	374.2	390.0
		10	365.0	374.2	
		20	365.0	374.2	
		30	365.0	374.2	
		40	365.0	374.2	
		50	365.0	374.5	
		60	365.0	374.5	NO MEASURABLE VARIATION IN PRESSURES DURING TEST.
		70	365.0	374.2	
		80	365.0	374.2	
		90	365.0	374.2	
		100	365.0	374.2	
		110	365.0	374.5	
		120	365.0	374.5	
		130	365.3	375.5	
		140	365.3	375.5	
		150	365.3	374.2	
		160	365.3	373.5	
		170	365.3	373.5	
		180	365.3	374.8	
		190	365.3	374.8	
		200	365.6	374.8	
		210	366.0	374.8	
		220	366.0	375.1	
		230	366.3	375.5	
		240	366.6	375.8	
		250	366.6	375.8	
		260	366.3	376.1	
		270	366.3	376.1	
		280	366.3	376.1	
		290	366.3	376.4	
		300	366.3	376.4	
		310	366.3	376.4	
		320	366.3	376.7	
		330	366.3	376.7	
		340	366.0	376.7	
		350	366.0	376.7	
		360	366.0	376.7	
		370	365.6	376.7	
		380	365.6	376.7	
		390	365.6	376.7	
		400	365.6	376.7	
		410	365.3	377.7	
		420	365.3	376.7	
		430	365.3	375.8	
		440	365.3	375.1	
		450	365.3	375.1	
		460	365.3	374.2	
		470	365.3	374.2	
		480	365.3	373.5	
		490	365.3	373.2	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		500	364.0	372.6	
		510	363.4	372.3	
		520	363.4	371.9	
		530	362.5	371.0	
		540	362.5	371.0	
		550	362.5	371.0	
		560	362.1	370.3	
		570	362.1	370.3	
		580	362.1	370.0	
		590	362.1	370.0	
		600	362.1	371.0	
		610	362.1	371.0	
		620	362.1	371.0	
		630	362.1	371.0	
		640	361.8	371.0	
STARTED JETTING WATER FROM SG1-A WELL.		650	361.8	371.0	
		660	361.8	371.6	
		670	361.8	371.6	
		680	362.8	371.9	
		690	362.8	372.3	
		700	362.8	372.6	
		710	362.8	372.9	
		720	362.8	372.6	
		730	362.8	371.9	
		740	362.5	371.6	
		750	362.5	371.3	
		760	362.1	371.0	
		770	362.1	371.0	
		780	362.1	370.7	
		790	362.1	370.7	
		800	362.1	371.6	
		810	362.1	372.6	
		820	362.1	373.2	
		830	362.1	373.5	
		840	362.1	374.2	
		850	362.1	374.5	
		860	362.1	374.5	
		870	362.1	373.2	
		880	362.1	372.3	
		890	362.1	371.3	
		900	362.1	371.0	
		910	361.2	370.3	
		920	360.5	370.0	
		930	359.9	369.4	
		940	359.9	369.1	
		950	359.6	368.7	
		960	359.3	368.4	
		970	359.0	368.1	
		980	358.6	367.8	
		990	358.0	367.5	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		1000	358.0	367.5	
		1010	357.7	367.2	
		1020	357.7	367.2	
		1030	357.4	367.2	
		1040	357.4	367.2	
		1050	357.0	367.2	
		1060	356.7	367.2	
		1070	356.7	366.8	
		1080	356.4	366.5	
		1090	356.4	366.5	
		1100	356.4	366.5	
		1110	356.4	366.2	
		1120	356.1	366.2	
		1130	356.1	365.9	
		1140	355.8	366.2	
		1150	355.8	366.2	
		1160	355.8	365.9	
		1170	355.8	365.6	
		1180	355.8	365.6	
		1190	355.5	365.2	
		1200	355.5	365.2	
		1210	355.5	365.2	
		1220	355.5	365.2	
		1230	355.5	365.2	
		1240	355.5	365.2	
		1250	355.5	365.2	
		1260	355.1	365.2	
		1270	355.1	364.9	
		1280	355.1	364.9	
		1290	355.1	364.9	
		1300	355.1	364.9	
(1-20-75)		1310	355.1	364.9	
		1320	355.1	364.9	
		1330	355.1	364.9	
		1340	355.1	364.9	
		1350	355.1	364.9	
		1360	355.1	364.9	
		1370	355.1	364.9	
		1380	355.1	364.9	
		1390	355.1	364.9	
		1400	355.1	364.9	
		1410	354.8	364.6	
		1420	354.8	364.6	
		1430	354.8	364.6	
		1440	354.5	364.3	
		1450	354.2	364.3	
		1460	354.2	364.3	
		1470	354.2	364.3	
		1480	354.2	364.3	
		1490	354.2	364.3	
		1500	353.9	364.0	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		1510	353.5	364.0	
		1520	353.5	363.6	
		1530	353.5	363.6	
		1540	353.2	363.3	
		1550	353.2	363.3	
		1560	352.9	363.3	
		1570	352.9	363.3	
		1580	352.9	363.3	
		1590	352.9	363.3	
		1600	352.6	363.3	
		1610	352.6	363.3	
		1620	352.6	363.0	
		1630	352.6	363.0	
		1640	352.6	363.0	
		1650	352.6	363.0	
		1660	352.6	363.0	
		1670	352.6	363.0	
		1680	352.6	363.0	
		1690	352.6	363.0	
		1700	352.6	363.0	
		1710	352.6	363.0	
		1720	352.6	363.0	
		1730	352.6	363.0	
		1740	352.6	363.0	
		1750	352.6	363.0	
		1760	352.6	363.0	
		1770	352.6	363.0	
		1780	352.6	363.0	
		1790	352.6	363.0	
		1800	352.6	363.0	
		1810	352.6	363.0	
		1820	352.6	363.0	
		1830	352.6	363.0	
		1840	352.6	363.0	
		1850	352.6	363.0	
		1860	352.6	363.0	
		1870	352.6	363.0	
		1880	352.6	363.0	
		1890	352.6	363.0	
		1900	352.6	363.0	
		1910	352.6	363.0	
		1920	352.6	363.0	
		1930	352.6	363.0	
		1940	352.6	363.0	
		1950	352.6	363.0	
		1960	352.6	363.0	
		1970	352.6	363.0	
		1980	352.6	363.0	
		1990	352.6	363.0	
		2000	352.6	363.0	
		2010	352.6	363.0	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		2020	352.6	363.0	
FINISHED JETTING.		2030	352.3	362.7	
		2040	352.3	362.4	
		2050	352.3	362.7	
		2060	352.0	363.6	
		2070	352.0	364.9	
		2080	351.6	365.6	
		2090	352.6	365.9	
		2100	352.9	366.2	
		2110	353.2	367.2	
		2120	353.5	367.5	
		2130	354.2	367.8	
		2140	354.5	368.4	
		2150	354.8	368.7	
		2160	355.1	369.1	
		2170	355.5	369.1	
		2180	355.8	369.4	
		2190	356.7	369.4	
		2200	356.7	369.7	
		2210	356.4	370.0	
		2220	356.7	370.3	
		2230	357.0	370.7	
		2240	357.4	371.9	
		2250	357.7	372.6	
		2260	357.7	372.9	
		2270	358.0	372.9	
		2280	358.3	373.2	
		2290	358.3	373.5	
		2300	358.3	373.9	
		2310	358.6	373.9	
		2320	359.0	373.9	
		2330	359.3	373.9	
		2340	359.6	373.9	
		2350	359.6	373.9	
		2360	359.6	373.9	
		2370	359.9	373.9	
		2380	360.2	373.9	
		2390	360.5	373.9	
		2400	360.5	373.9	
		2410	360.9	373.9	
		2420	361.2	374.2	
		2430	361.5	374.2	
		2440	361.8	374.5	
		2450	362.1	374.8	
		2460	362.5	374.8	
		2470	362.5	374.8	
		2480	362.8	375.1	
		2490	362.8	375.1	
		2500	362.8	375.1	
		2510	362.8	375.1	
		2520	362.8	375.5	
		2530	362.8	375.5	

DESCRIPTION	TIME OF DAY	INCRE.	INSTRUMENT #J-068 PRESSURE (P.S.I.G.)	INSTRUMENT #J-080 PRESSURE (P.S.I.G.)	INSTRUMENT #J-114 PRESSURE (P.S.I.G.)
		2540	362.8	375.5	
		2550	362.8	375.8	
		2560	362.8	375.8	
		2570	363.1	375.8	
		2580	363.1	375.8	
		2590	363.1	375.8	
		2600	363.1	375.8	
		2610	363.1	375.8	
		2620	363.1	376.1	
		2630	363.1	376.1	
		2640	363.1	376.1	
		2650	363.1	376.1	
		2660	363.1	376.4	
		2670	363.1	376.4	
		2680	363.1	376.4	
		2690	363.1	376.7	
		2700	363.4	376.7	
		2710	363.4	376.7	
		2720	363.4	376.7	
		2730	363.4	376.7	
		2740	363.7	376.7	
1-21-75)		2750	363.7	376.7	
		2760	363.7	376.7	
		2770	363.7	376.7	
		2780	363.7	376.7	
		2790	363.7	377.1	
		2800	364.0	377.4	
		2810	364.0	377.4	
		2820	364.4	377.4	
		2830	364.4	377.4	
		2840	364.4	377.4	
		2850	364.4	377.4	
		2860	364.7	377.4	
		2870	364.7	377.4	
		2880	364.7	377.4	
		2890	364.7	377.7	
				377.7	
PRESSURE IMMEDIATELY BEFORE PACKER WAS PULLED LOOSE.	0230	2892	364.7	377.7	394.9

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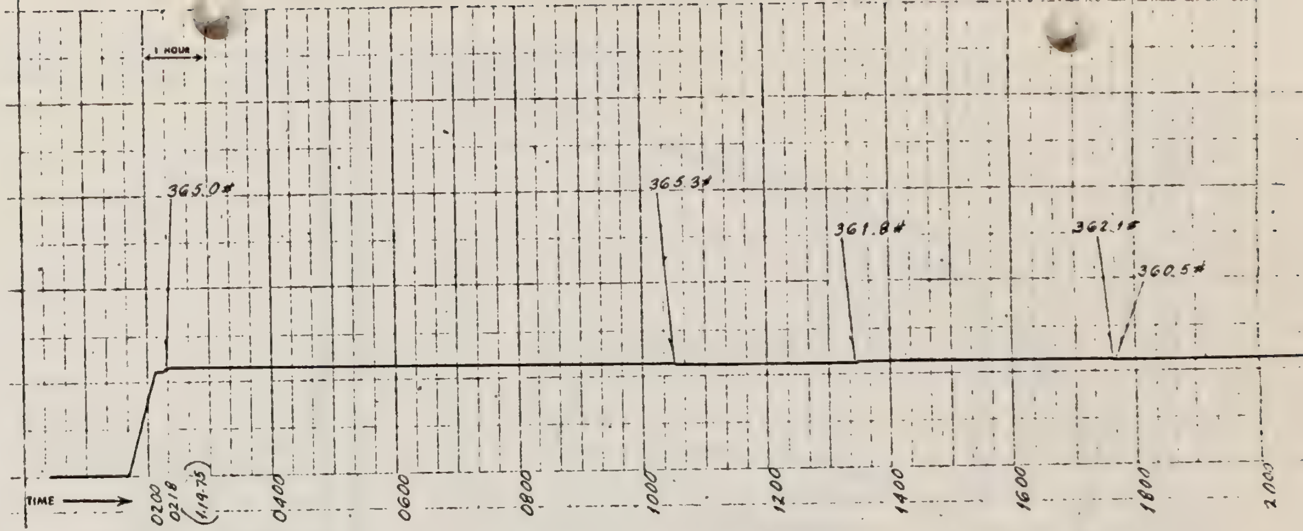
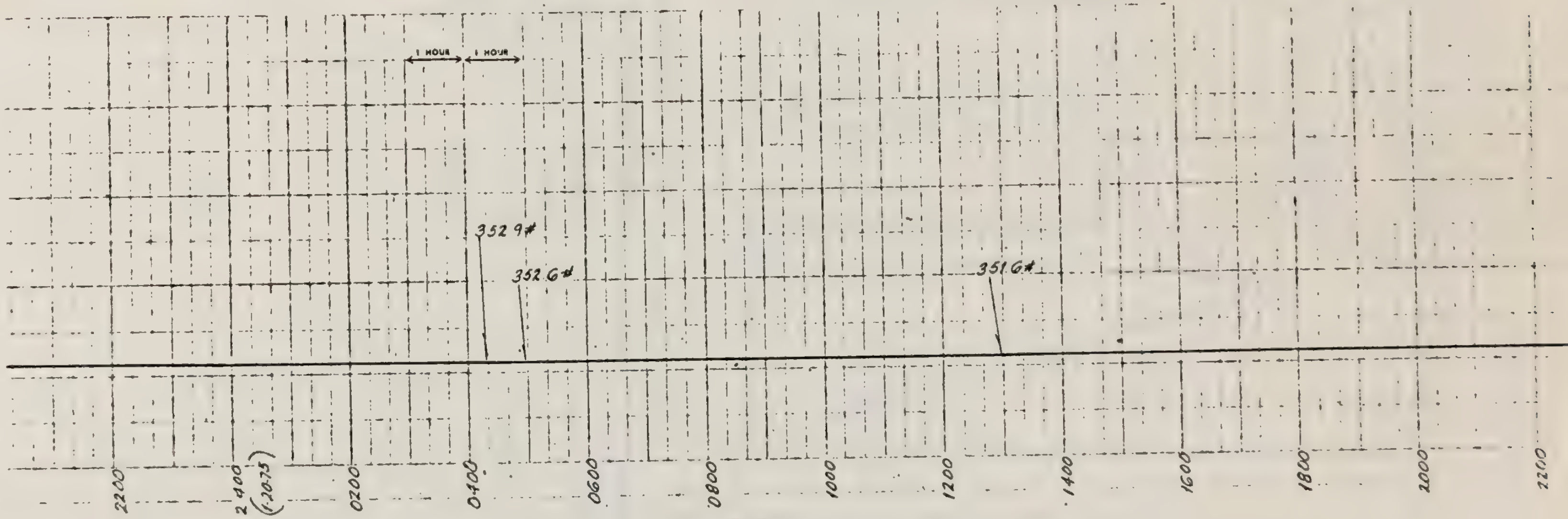
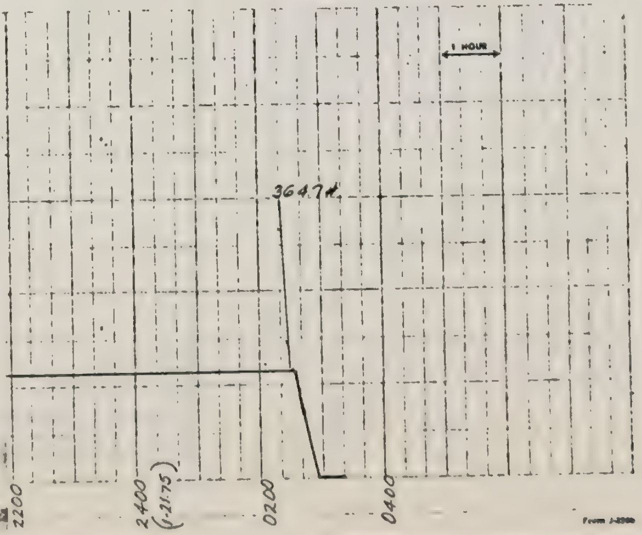
PRESSURE LOG

Field Report No. 04372 C
Instrument Number J-068
Capacity 1600 p.s.i.
Depth 934 ft.

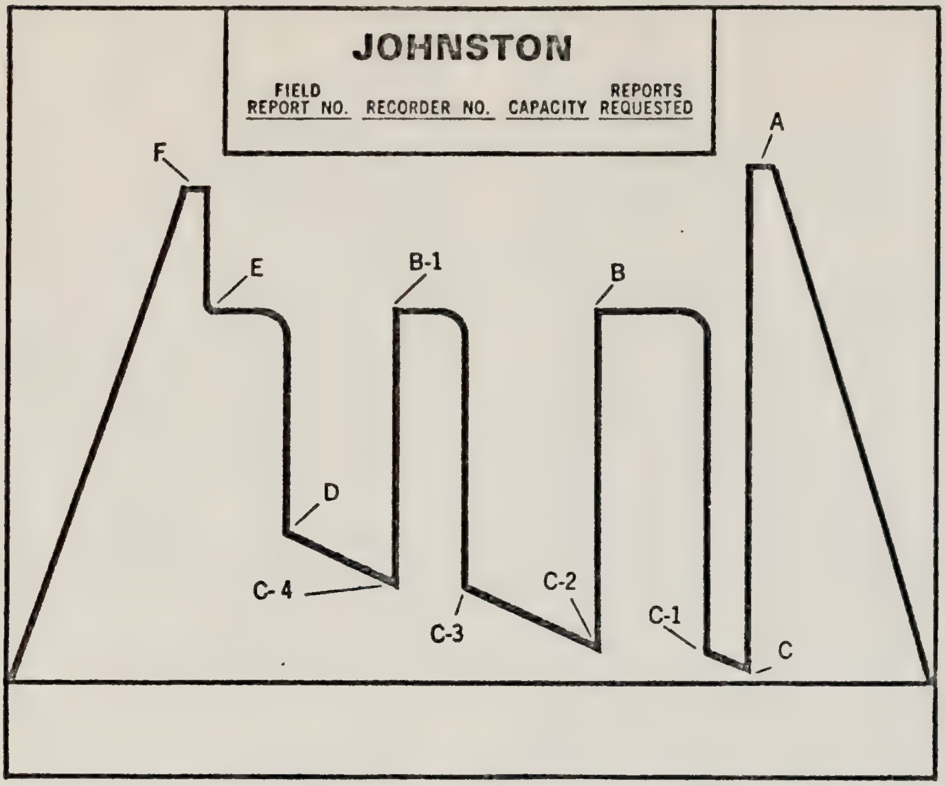
*a continuous tracing of the original chart







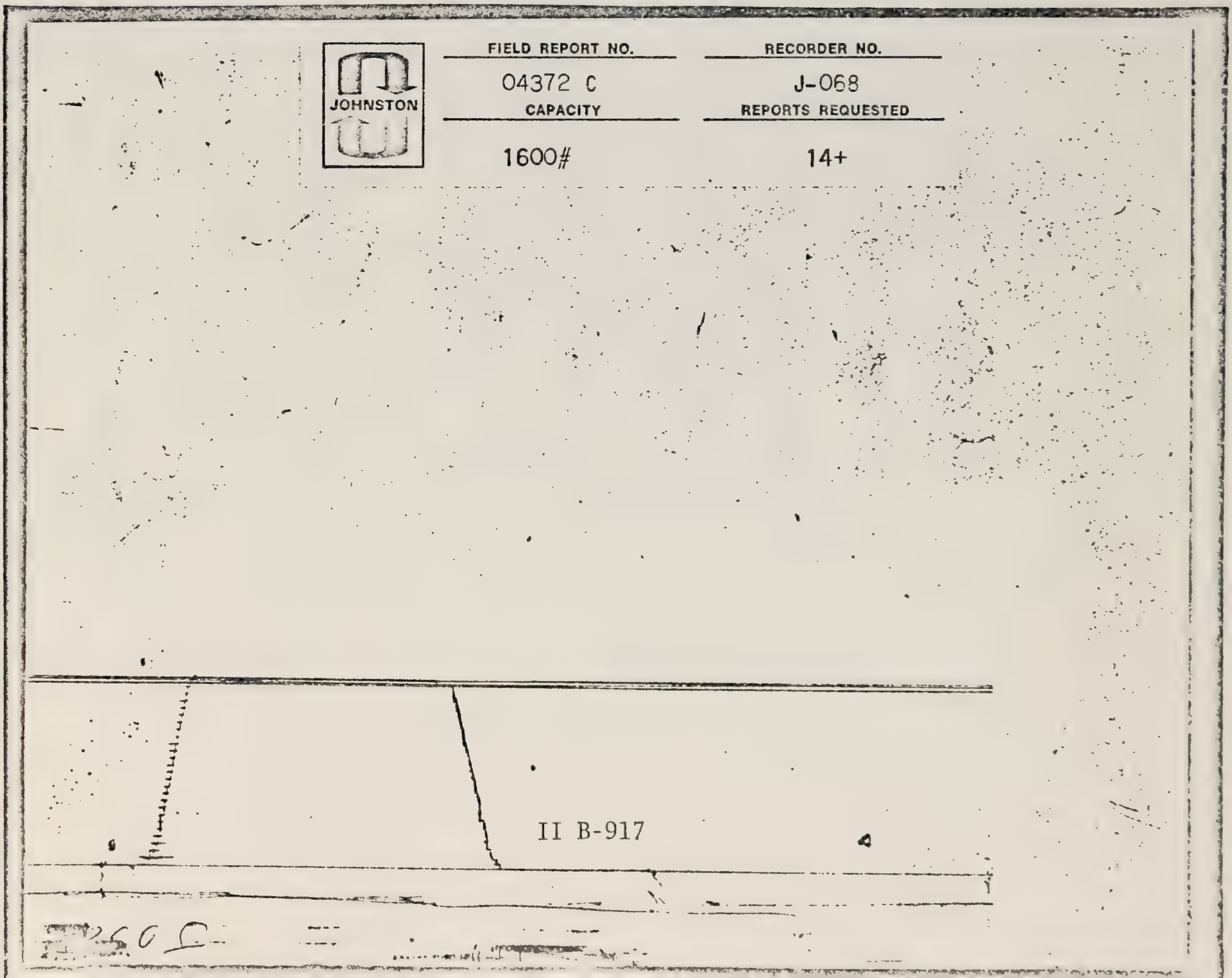
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
F
A
E
B-1
B
D
C-4
C-3
C-2
C-1
C

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.



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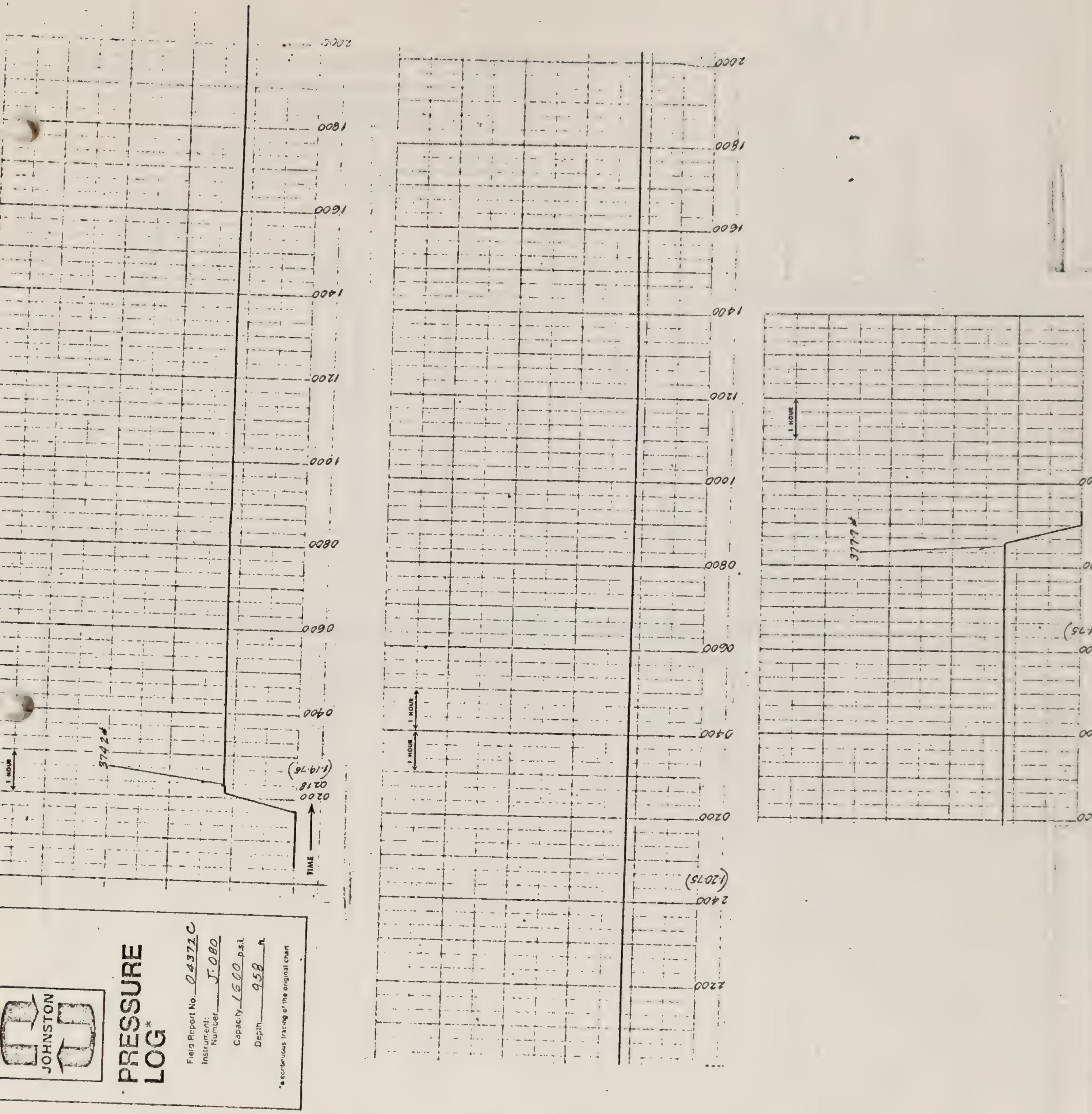
FIELD REPORT NO.	RECORDER NO.
04372 C	J-068
CAPACITY	REPORTS REQUESTED
1600#	14+

II B-917



PRESSURE LOG*

Field Report No. 04372C

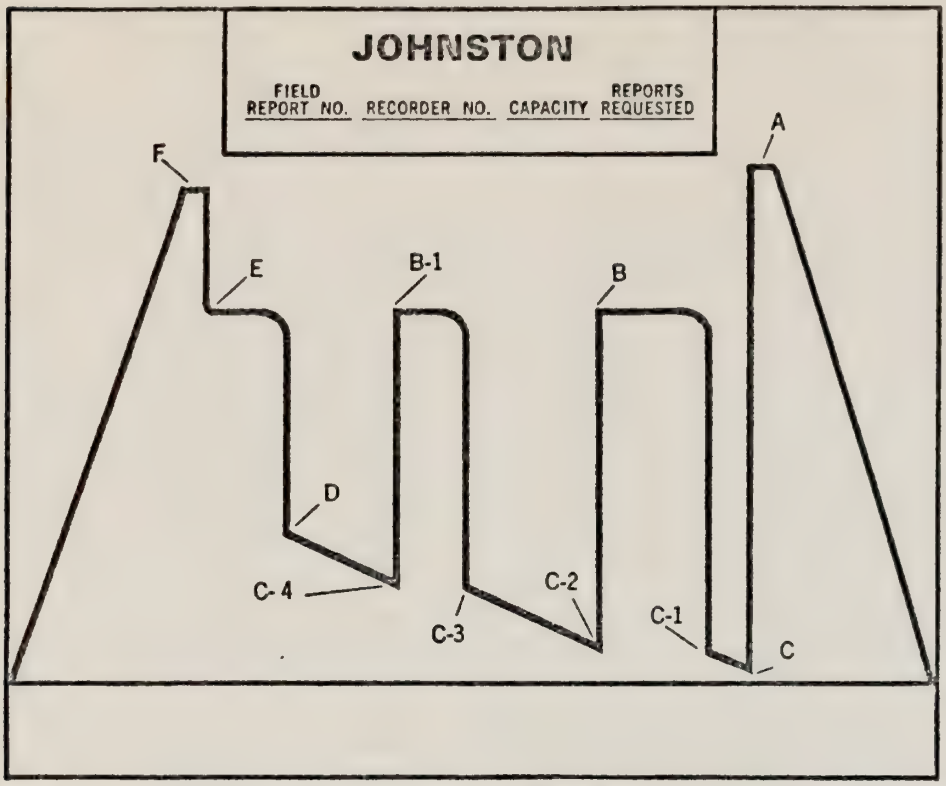
Instrument: Number J-080

Capacity 1600 p.s.i.

Depth 958 ft

*a continuous tracing of the original chart

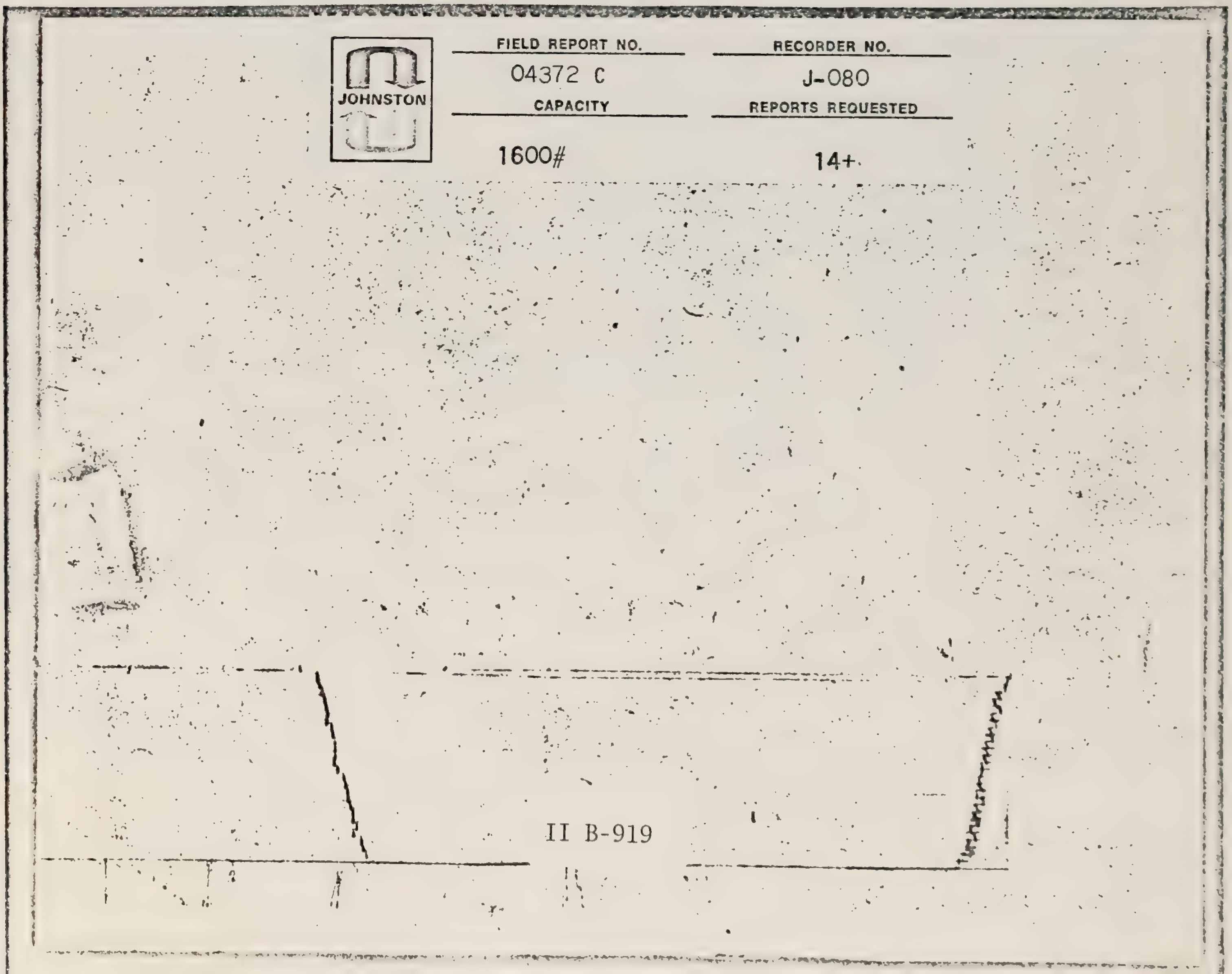
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
A
F
E
B-1
B
D
C-4
C-3
C-2
C-1
C

- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.	RECORDER NO.
04372 C	J-080
CAPACITY	REPORTS REQUESTED
1600#	14+

JOHNSTON

PRESSURE LOG*

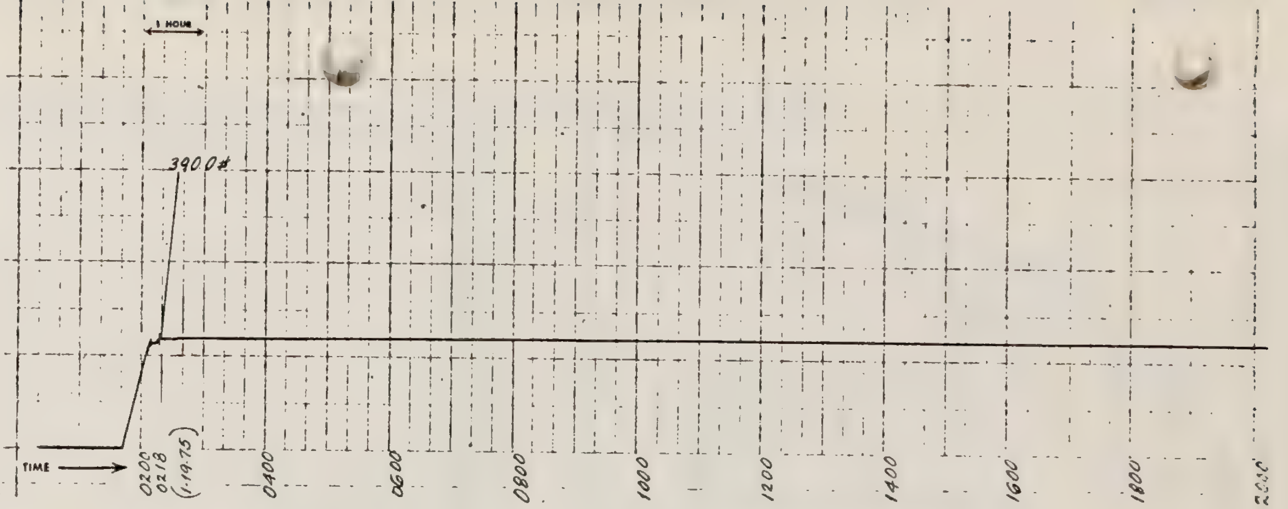
Field Report No. 04372 C

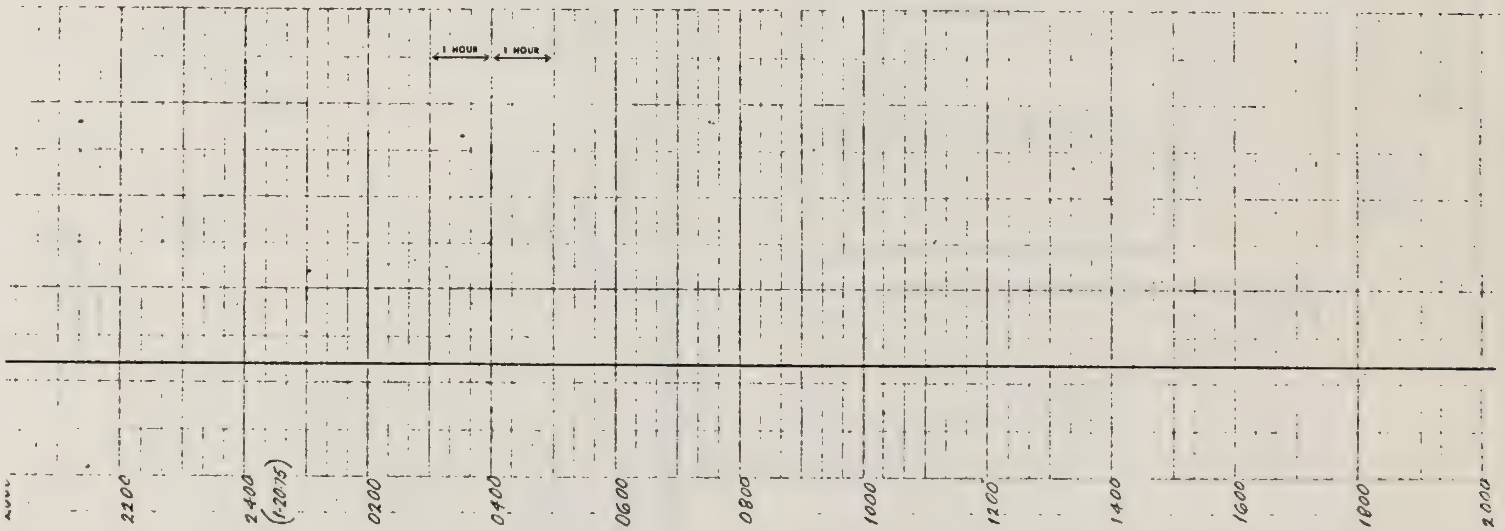
Instrument Number J-114

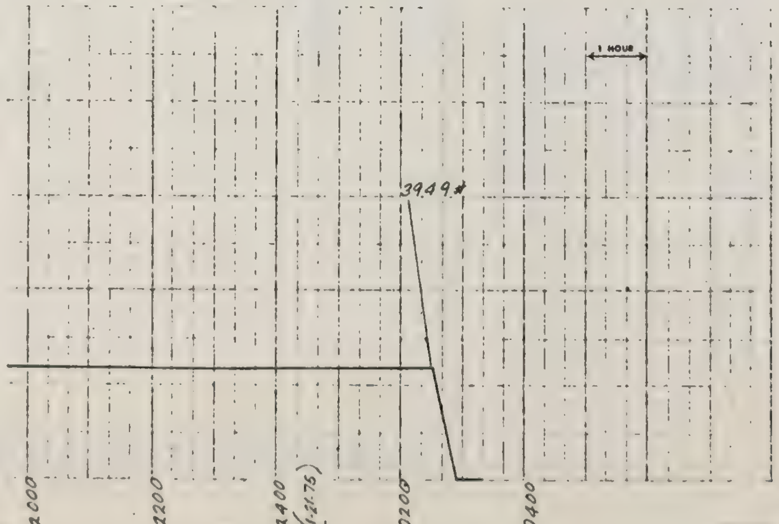
Capacity 1600 p.s.i.

Depth 985 ft.

*a continuous tracing of the original chart







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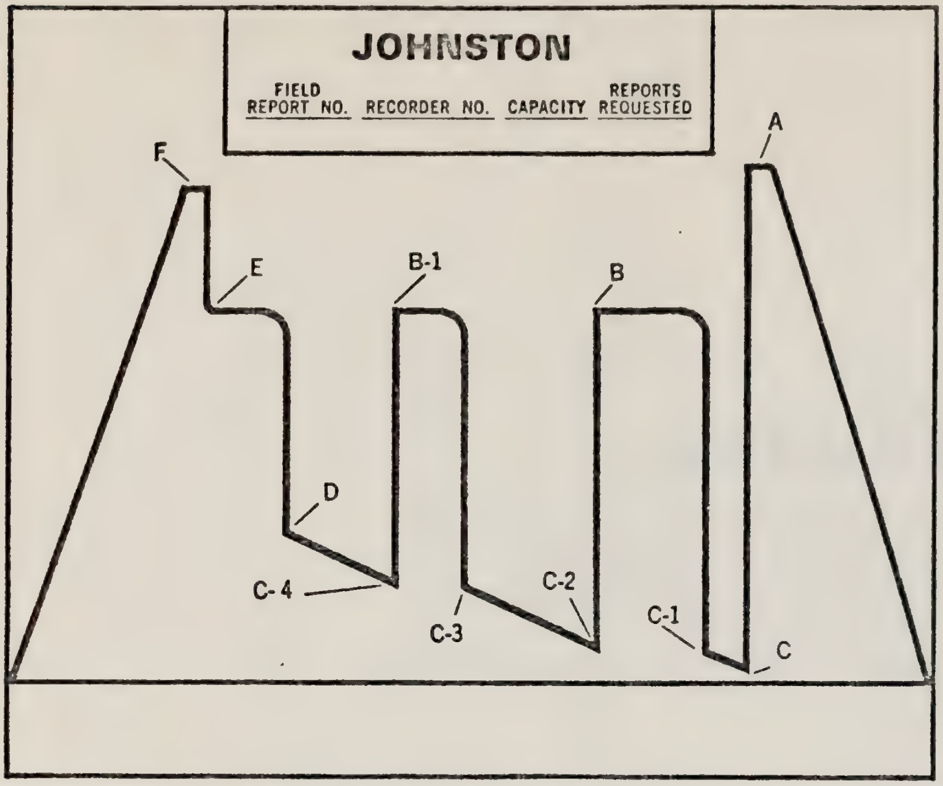
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
F
A
E
B-1
B
D
C-4
C-3
C-2
C-1
C

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

J 117

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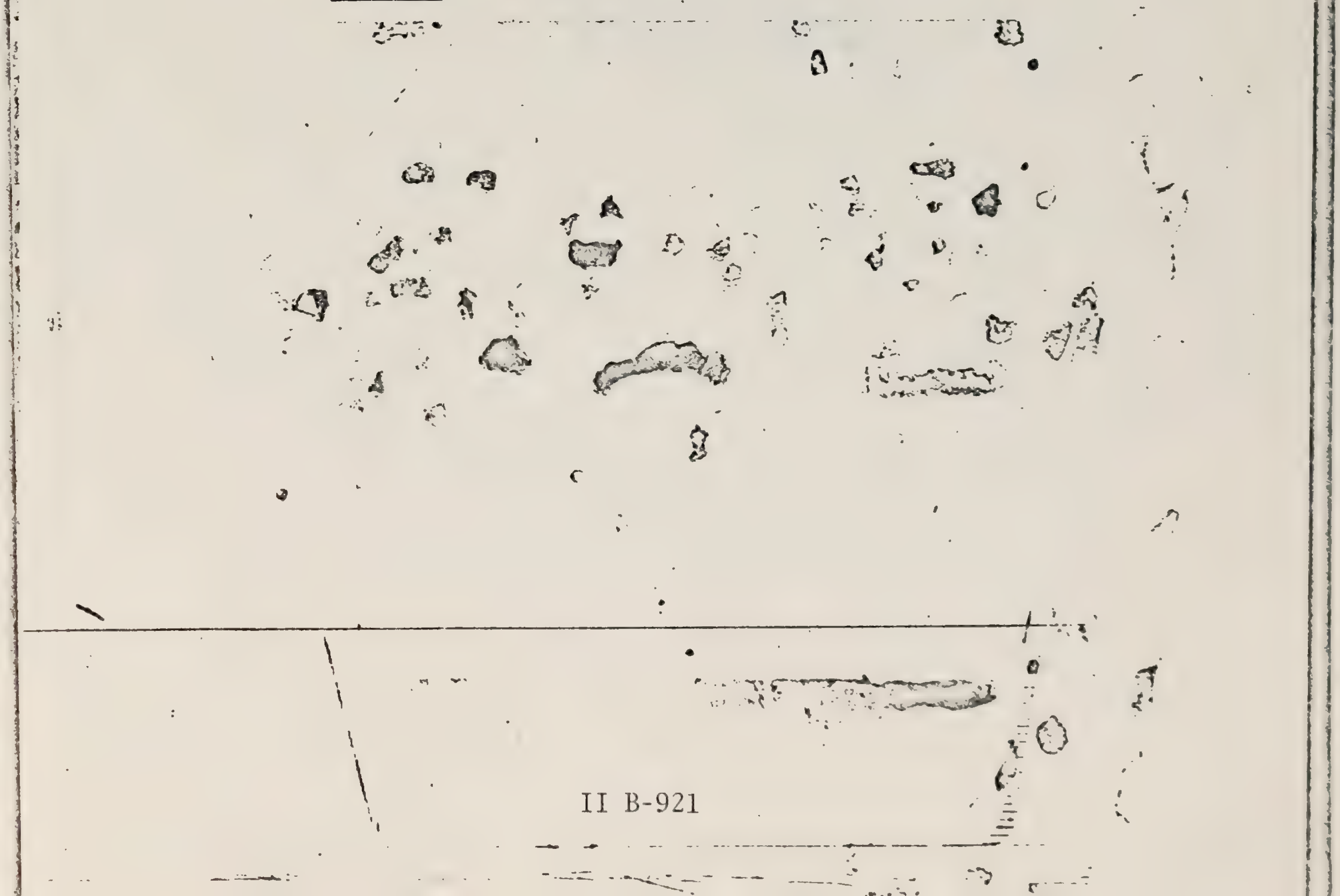
FIELD REPORT NO.	RECORDER NO.
04372 C	J-114
CAPACITY	**REPORTS REQUESTED**
1600#	14+



II B-921

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FEB 20 1975
A. J. ROGERS

JOHNSTON

Schlumberger

technical report

COMPANY ATLANTIC RICHFIELD COMPANY
WELL FEDERAL S.G. #1
TEST NO. 4
COUNTY RIO BLANCO
STATE COLORADO

II B-922

F.R. #09123 c

PAGE 1

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SURFACE INFORMATION

ription (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
SET PACKER	0657	-	-
PULLED PACKER LOOSE	1819	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size -

MUD DATA

Mud Type WATER Wt. -
Viscosity - Water Loss - C.C.
Resist: of Mud - @ - °F; of Filtrate - @ - °F
Chloride Content - PPM

EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE STRADDLE OPEN HOL
Formation Tested -
Elevation 6428 Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From GROUND LEVEL
Total Depth 2525 Ft.
Main Hole/Casing Size 6 3/4"
Rat Hole/Liner Size -
Drill Collar Length 120' I.D. -
Drill Pipe Length 745' I.D. -
Packer Depth(s) 907 & 940 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure P.S.I.G. at Surface
Recovery: Cu. Ft. Gas
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity °API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
-						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: UNSUCCESSFUL TEST; PACKER SEAT FAILURE.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202

Company ATLANTIC RICHFIELD COMPANY
Field SORGHUM GULCH
Well FEDERAL S.G. #1
Location SEC.2-6S-97W
Test Interval 907' TO 940' (UNSUCCESSFUL)
Test # 4
Date 1-21-75
County RIO BLANCO
State COLORADO
Technician TAYLOR(VERNAL)
Test Approved By MR. L. M. POWERS
Field Report No. 09123 C
No. Reports Requested 14(13x)

EQUIPMENT SEQUENCE

COMPONENTS	SIZE / TYPE	LENGTH
DRILL PIPE	2 7/8" / H-90	745.00'
DRILL COLLARS	4 3/4" / IF	120.00'
RECORDER CARRIER	2 7/8" / FH SPERRY-SUN	17.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
SAFETY JOINT	4 3/4" / BOWEN	2.00'
PERFORATED ANCHOR	4 3/4"	2.00'
PACKER	5 3/4" / B.T.	
BLANK-OFF SUB	4 3/4" / FH	1.70'
PERFORATED ANCHOR	4 3/4"	24.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
BLANK-OFF SUB	4 3/4" / FH	.60'
PACKER	5 3/4" / BT	6.00'
SUB	5" / SPERRY-SUN	1.70'
PERFORATED ANCHOR	4 3/4"	12.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
SELECTIZE ZONE ANCHORING DEVICE	6 3/4" / RHS	6.00'

PRESSURE DATA

INSTRUMENT NUMBER:	J-493	J-080	J-251
CAPACITY(P.S.I.G.):	1600	1600	1600
INSTRUMENT DEPTH:	898'	933'	954'
INSTRUMENT OPENING:	OUTSIDE	INSIDE	OUTSIDE
WELL TEMPERATURE:	READ AT 100°F.	READ AT 100°F.	READ AT 100°F.

DESCRIPTION	TIMES	PRESSURES		
INITIAL HYDROSTATIC		354.2	370.2	379.0
PRESSURE IMMEDIATELY AFTER PACKER WAS SET	0657	358.3	374.0	387.6
PRESSURE IMMEDIATELY BEFORE PACKER WAS PULLED LOOSE	1819	358.3	374.0	387.6
FINAL HYDROSTATIC		351.7	366.1	379.0

NO MEASUREABLE PRESSURE VARIANCES BETWEEN SET PACKER AND PULLED PACKER LOOSE TIMES COULD BE DETECTED.

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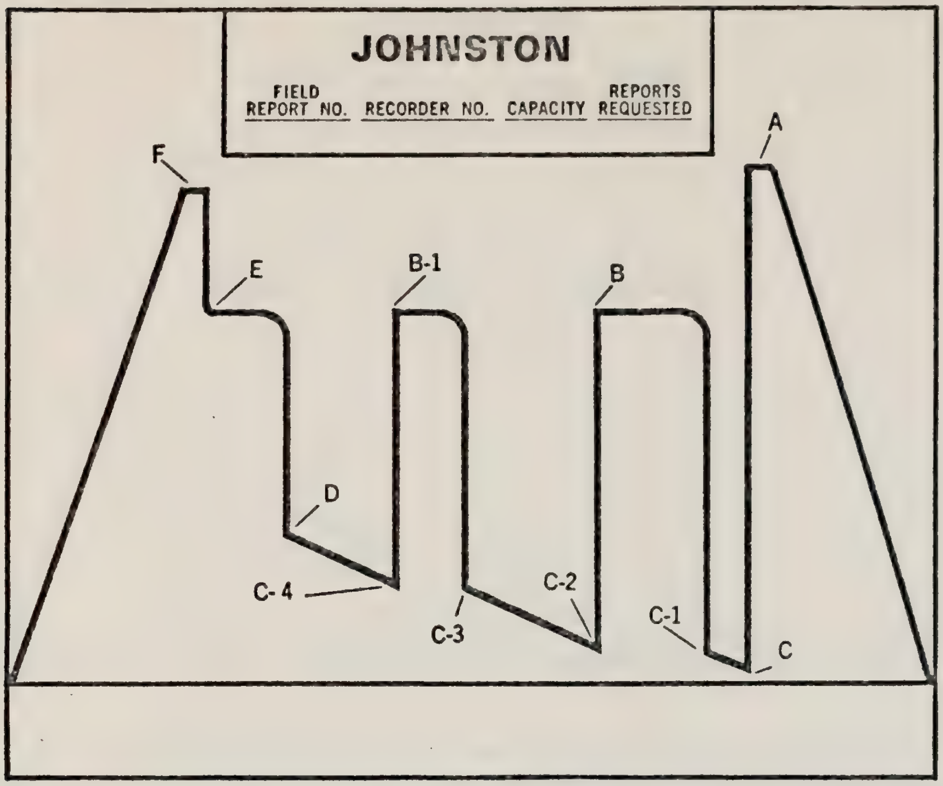
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
F
A
E
B-1
B
D
C-4
C-3
C-2
C-1
C

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

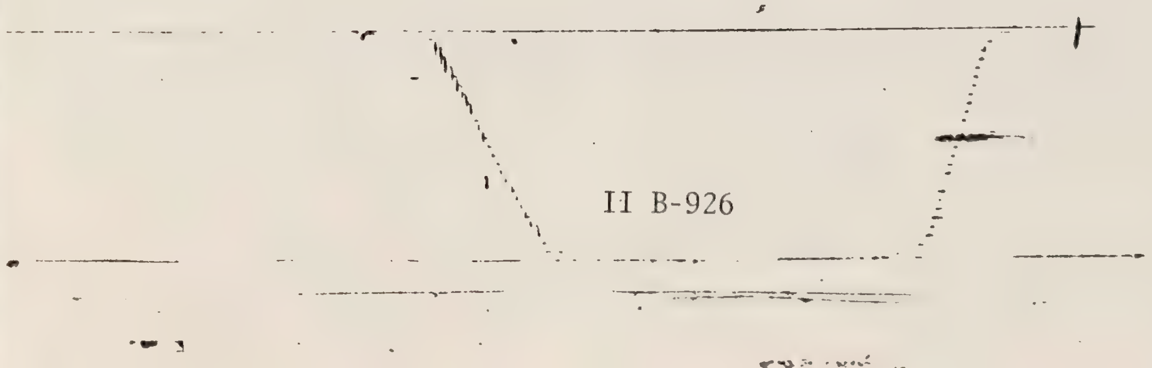
The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

2511

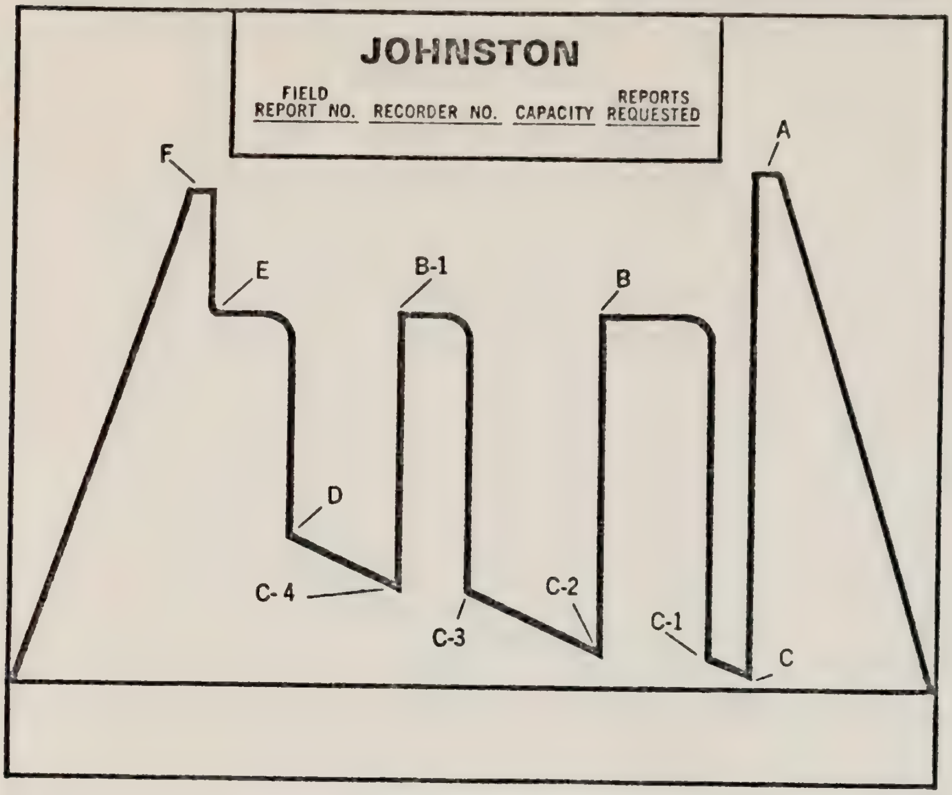
JOHNSTON

FIELD REPORT NO.	RECORDER NO.
09123 C	J-493
CAPACITY	REPORTS REQUESTED
1600#	14+


II B-926

JOHNSTON
...found a better way

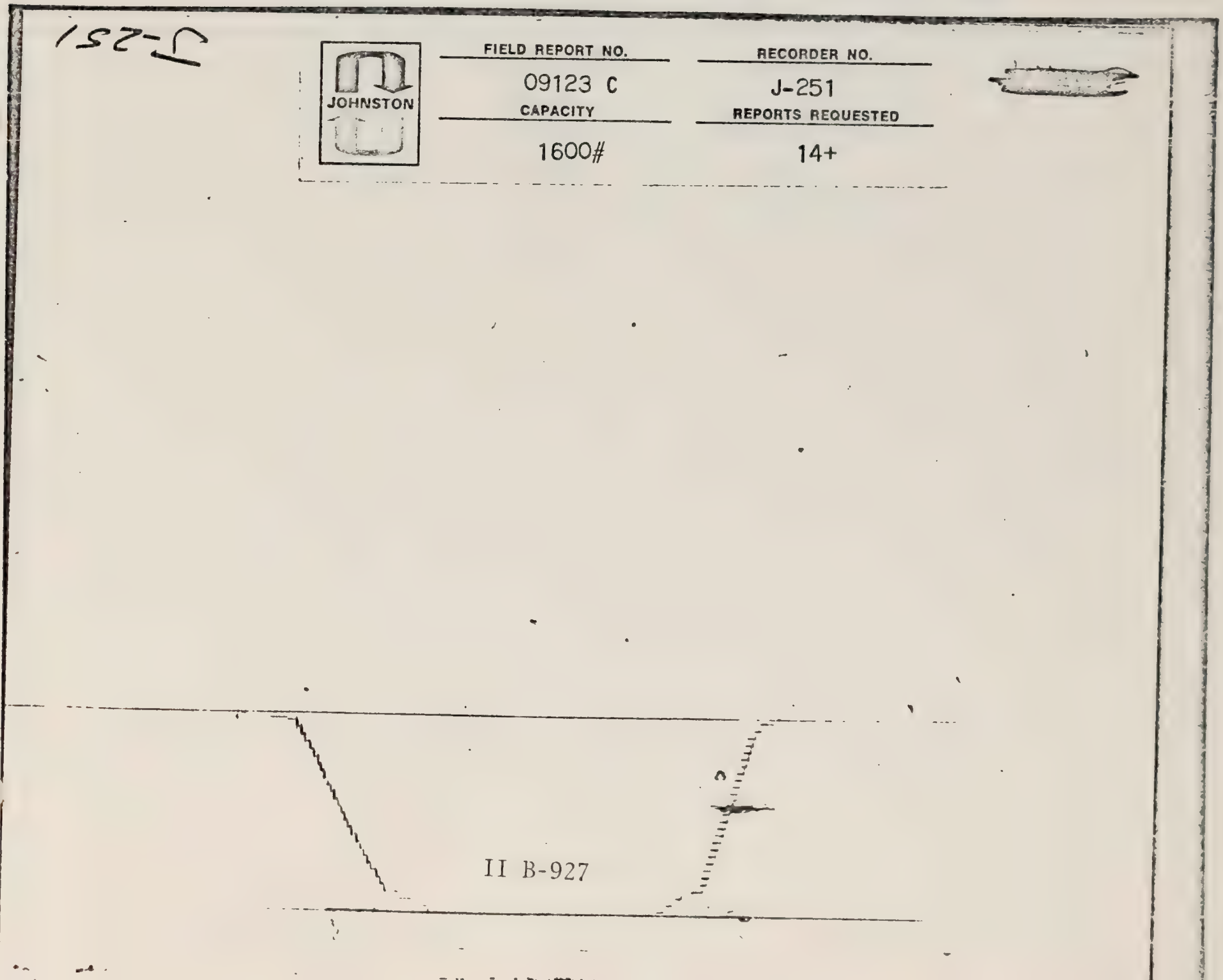
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
F
E
B-1
B
A
D
C-4
C-3
C-2
C-1
C

A. Initial Hyd. Mud
B. Initial Shut-in
C. Initial Flow
D. Final Flow
E. Final Shut-in
F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
C-1, C-2, C-3, etc. Flowing Pressures
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

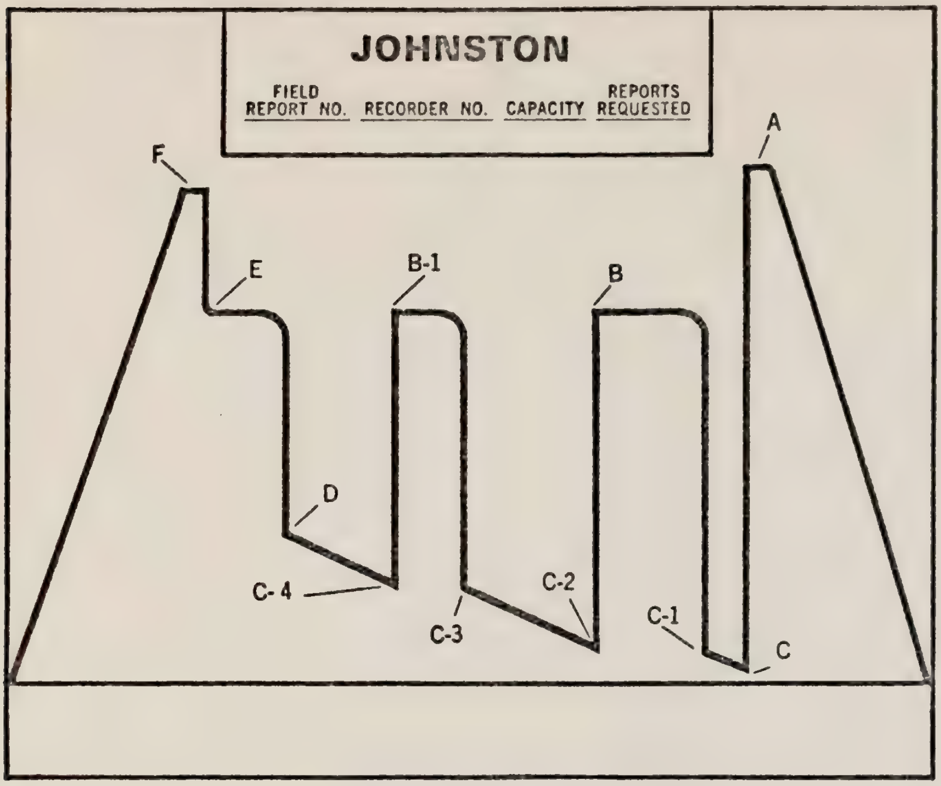


FIELD REPORT NO.	RECORDER NO.
09123 C	J-251
CAPACITY	REPORTS REQUESTED
1600#	14+

II B-927

JOHNSTON
...found a better way

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS


JOHNSTON
FIELD REPORT NO.
RECORDER NO.
CAPACITY
REPORTS REQUESTED
A
F
E
B-1
B
D
C-4
C-3
C-2
C-1
C

- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

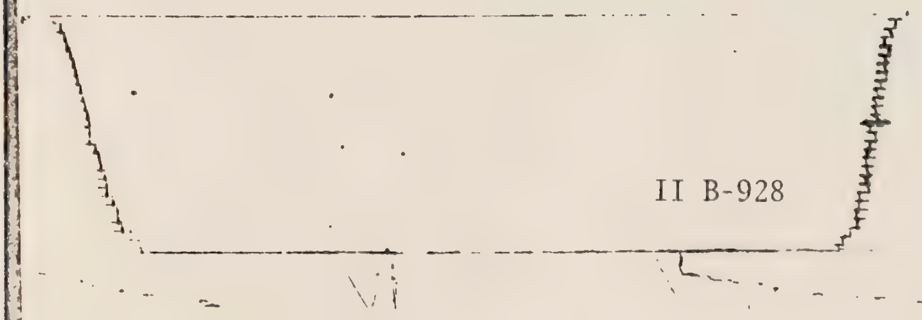
The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.

080

JOHNSTON

FIELD REPORT NO.	RECORDER NO.
09123 C	J-080
CAPACITY	REPORTS REQUESTED
1600#	14+



II B-928

SG-8 Drillstem Tests Technical Report Data

JOHNSTON

Schlumberger

technical report

RECEIVED
JAN 8 1975
A. J. ROGERS

COMPANY ATLANTIC-RICHFIELD COMPANY **WELL** FEDERAL S-G #8 **TEST NO.** 1 & 2 **COUNTY** RIO BLANCO **STATE** COLORADO

II B-929

F.R. #04369 C

JOHNSTON
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TION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
(12-14-74)			
SET PACKER AT 1910'	0200	-	-
JETTING CONDUCTIVITY ABOVE			
PACKER FOR LEAKS	1411	-	-
PULLED PACKER LOOSE	2300	-	-
(12-15-74)			
SET PACKER AT 950'	0010	-	-
JETTING CONDUCTIVITY			
ABOVE PACKER FOR LEAKS			
PULLED PACKER LOOSE	-	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size -

MUD DATA

Mud Type SOAP WATER Wt. -
Viscosity - Water Loss - C.C.
Resist: of Mud - @ - °F; of Filtrate - @ - °F
Chloride Content - PPM

EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE OPEN HOLE
Formation Tested PARACHUTE CREEK
Elevation 6380 Ft.
Net Productive Interval - Ft.
Estimated Porosity - %
All Depths Measured From GROUND LEVEL
Total Depth 2608 Ft.
Main Hole/Casing Size -
Rat Hole/Liner Size -
Drill Collar Length - I.D. -
Drill Pipe Length - I.D. -
Packer Depth(s) FIRST RUN 1910' Ft.
SECOND RUN 950'

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure P.S.I.G. at Surface
Recovery: Cu. Ft. Gas
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity °API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
-						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks:

Address 1500 SECURITY LIFE BUILDING; DENVER, COLORADO 80202
Company ATLANTIC-RICHFIELD COMPANY Field SORGHUM GULCH
Well FEDERAL S-G #8 Location SEC. 9-T3S-R96W
Test Interval - Test # 1 & 2 Date 12-14-74
County RIO BLANCO State COLORADO
Technician MOUDRY (VERNAL) Test Approved By MR. FRED BURNS
Field Report No. 04369 C
No. Reports Requested 14 (13x)

JOHNSTON
...found a better way

PRESSURE DATA

	FIRST RUN		
Instrument No.	4097 N		
Capacity (P.S.I.G.)	2800		
Instrument Depth	1912'		
Instrument Opening	OUTSIDE		
Pressure Gradient P.S.I./Ft.			
Well Temperature °F.	-		
Initial Hydrostatic Mud A	-		
Initial Shut-in B	-		
Initial Flow C	-		
Final Flow D	-		
Final Shut-in E	-		
Final Hydrostatic Mud F	-		

Field Report No. 04369 C

TIME DATA

Time Given	Time Computed
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.

Remarks:
1 790.5
2 798.9
3 801.7

**Shut in pressure did not reach static reservoir pressure.* Clock Travel ______ inches per min.

PRESSURE INCREMENTS

Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$

PRESSURE DATA

	SECOND RUN		
Instrument No.	J-405		
Capacity (P.S.I.G.)	2800		
Instrument Depth	953'		
Instrument Opening	OUTSIDE		
Pressure Gradient P.S.I./Ft.			
Well Temperature °F.	-		
Initial Hydrostatic Mud A	-		
Initial Shut-in B	-		
Initial Flow C	-		
Final Flow D	-		
Final Shut-in E	-		
Final Hydrostatic Mud F	-		

Field Report No. 04369 C

TIME DATA

Time Given	Time Computed
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.
- Mins.	Mins.

Remarks:
1 364.7
2 380.0
3 379.4
CLOCK STOPPED AT POINT "3".
READ AT 100°F.

*Shut in pressure did not reach static reservoir pressure.

Clock Travel ________ inches per min.

PRESSURE INCREMENTS

Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T+\Delta t}{\Delta t}$

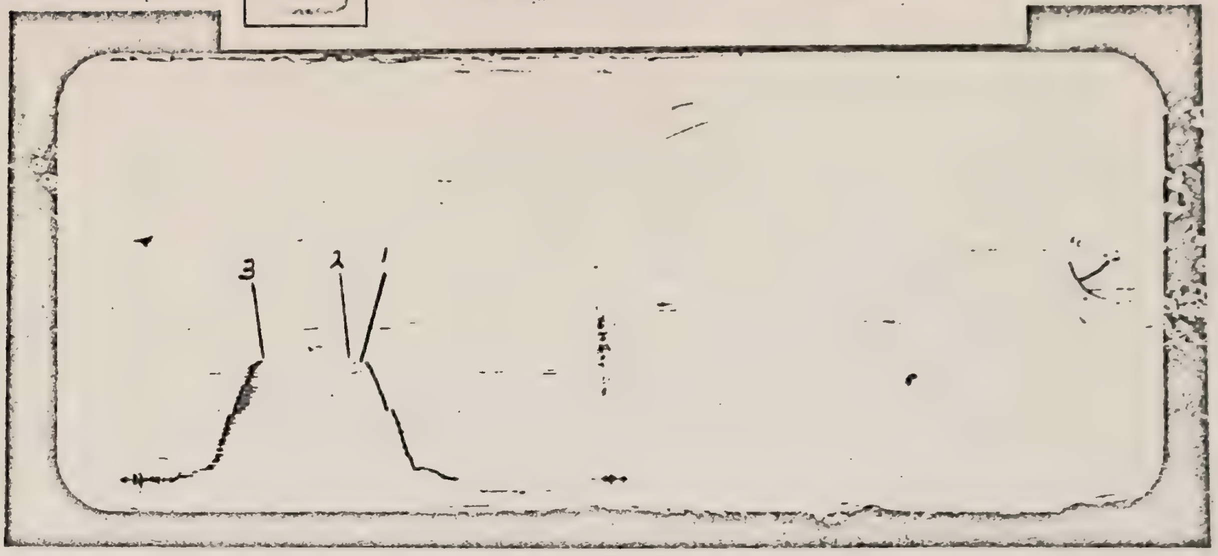
JOHNSTON

FIELD REPORT NO.
04369 C

RECORDER NO.
4097 N

CAPACITY
2800#

REPORTS REQUESTED
14+



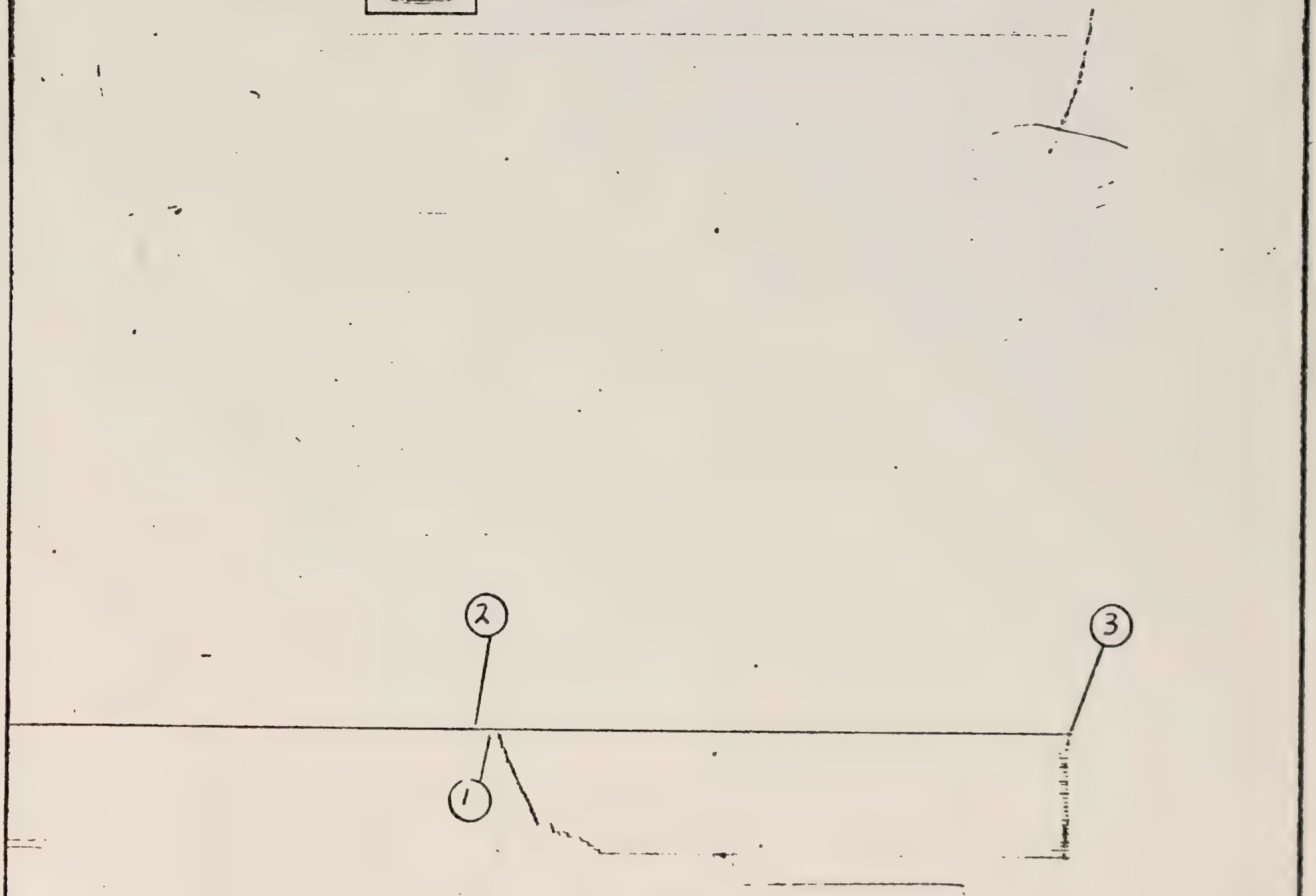
JOHNSTON

FIELD REPORT NO.
04369 C

RECORDER NO.
J-405

CAPACITY
2800#

REPORTS REQUESTED
14+



SG-1 Field Data Sheets DST

FIELD DATA SHEETS

DRILLSTEM TESTS 1-10

DST #1

PUMP TEST DATA SHEET ; WELL NO. SG-1A

PUMPED WELL SG-1A OBSERVATION WELL SG-1A

DATE: 1-18 STATIC WATER LEVEL ________

PUMP ~~(ON)~~ (OFF) AT ________ (DRAWDOWN) [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) [✓ (NO)]

MP = MEASURING POINT MP 3.5 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					90			
1					100			
2					110			
3	133.5				120			
4	131.6							
5	130.5							
6	129.7							
7	1288							
8	128.1							
9	127.4							
10	127.1							
12	126.5							
14	125.7							
16	124.9							
18	124.2							
20	123.6							
25								
30	121.4							
35	120.4							
40	119.4							
45	119.0							
50	118.5							
60	116.9							
70								
80								

894 911 948

SG#1A DST #1 Jetting

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SORGHUM GULCH #1A LOCATION ______

DATE	TIME	HOUR SINCE START ~~DEPTH~~	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	~~INJECTED~~ WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS ~~REMARKS~~
1-17-75	2200	1	15°C	1500	0	6"	.52	328	100
1-17-75	2300	2	15°C	1600			.52	328	100
1-17	2400	3	15°C	1600			.55	359	100
1-18	0100	4	15°C	1500			.55		100
1-18	02:00	5	15°C	1500			.55		100
1-18	03:00	6	15°C	1400			.55		100
1-18	04:00	7	15°C	1400			.55		100
1-18	05:00	8	15°C	1400			.55		100
1-18	06:00	9	15°C	1400			.55		100
1-18	07:00	10	15°C	1400			.55	↓	100
1-18	08:00	11	16°	1300			.52	328	100
1-18	9:00	12	15.5°C	1300			.52	328	100
1-18	10:00	13	16.	1250			.49	301	100
1-18	11:00	14	16.	1250			.48	292	100
1-18	12:00	15	15.5°C	1250			.46	274	100
1-18	1300	16	16°	1250			.46	274	100
1-18	1400	17	16°	1200			.46	274	100
1-18	1500	18	16.00	1200			.48	292	100
1-18	1600	19	160	1200			.47	283	100
1-18	1700	20	16.	1200	↓	↓	.47	283	100

SG-1A DST #1 Jetting

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

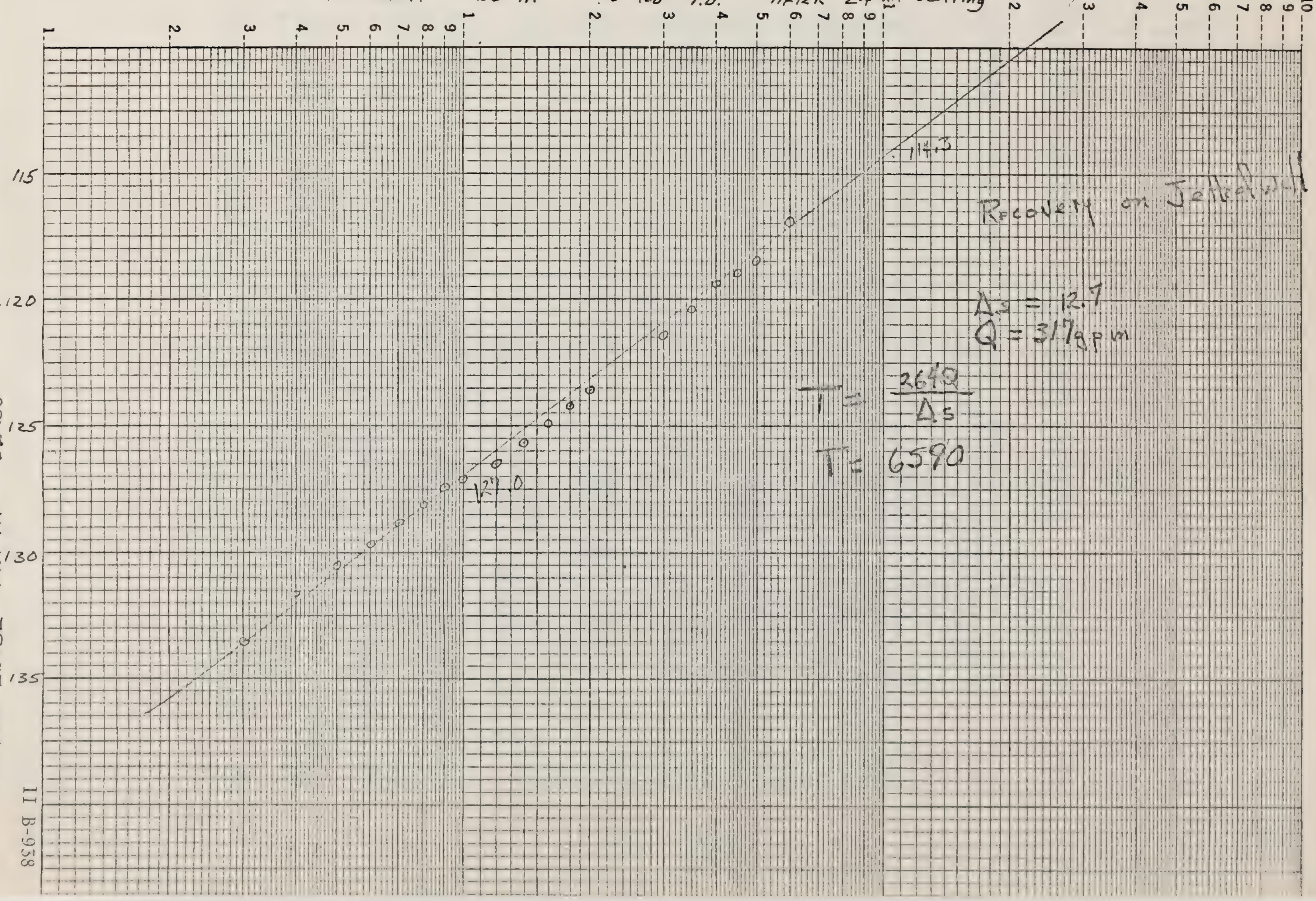
OPERATOR ARCO WELL NAME & NUMBER SORGHUM GULCH #1A LOCATION ______

DATE	TIME	HOURS SINCE START ~~DEPTH~~	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	~~INJECTED WATER~~ (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
1-18	1800	21	16.5	1200	0	6"	.48	292	100
1-18	1900	22	16.5	1200	↓	↓	.47	283.	100
1-18	2000	23	16.5	1150	↓	↓	.48	292	100
1-18	2100	24	16.5	1100	↓	↓	.48	292	100

K&E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 5493

RECOVERY SG-1A 0-900' T.D. AFTER 24 hr. Jetting



Recovery on Jetted well

$\Delta s = 12.7$
$Q = 317 \text{ gpm}$

$$T = \frac{264Q}{\Delta s}$$

$T = 6590$

PAGE 1 OF

SURFACE TIME RECORD

~~MULTI-PACKER TEST SERIES~~ # 2

SG #1 Test Zone 907' - 944' Test # 1 TD SG-1A = 900

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-17-75	1630	1955	Make up Tools & Start in hole install recoders
	1955	20:05	IHP For 10 min.
	20:05	20:30	Setting PKrs. + Hook Wall Hook Wall wouldn't Hook
	20:30	20:50	Start out of hole with Test tool. Went back in hole with test tool set hook wall at 2050
	20:50		PKrs. set - Hook Wall set
	21:00		Start Jetting in SG #1 A
			PKrs set @ 907 + 944 SS. gauges @ 894 911 948
			Johnson gauges @ 898' 937' 964' Hook Wall @ 970
	21:00		Static H_2O 97.4 Prior To start of Injection Start Draw Down + Injection
1-18-75	21:00	22:00	Stoped injection Recovery for 60 min. Start recovery in 1 A From 133.5 to 116.9
	22:00	22:15	Unseated PKrs. & started 15 min FHP ~~Pulled PKrs~~
	22:15	00:00	Pulled out of hole

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.
WITH SPERRY SUN QUARTZ CLOCK ON LOCATION.

II B-939

C.E.R. 1-6-75

ATER LEVEL IN ANNULUS SG#1 DST#1

PUMP TEST DATA SHEET ; WELL NO. ______

PUMPED WELL SG #1 A OBSERVATION WELL SG #1

DATE: 1-17
1-18 STATIC WATER LEVEL ______

PUMP (ON) ~~(OFF)~~ AT 21:00 (DRAWDOWN) (RECOVERY) TEST
OFF · 21:00

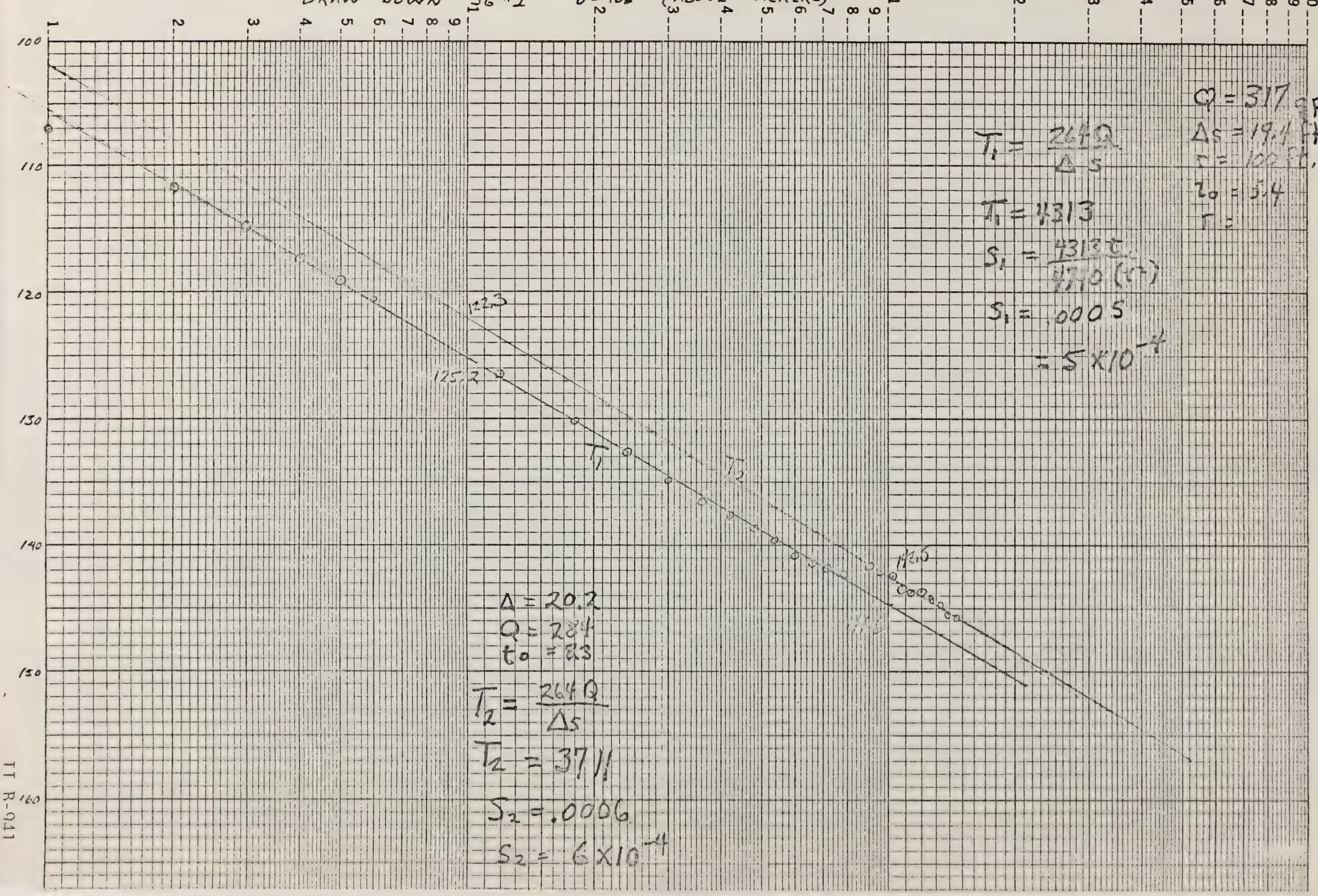
WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 8.5 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE Drawdown in ft	CLOCK TIME	TIME IN ~~MIN.~~ HOURS	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	97.4		0.0	5:00	20	143.6	1200	46.2
10	107.0		9.6	6:00	21	144.2	1260	46.8
20	111.9		14.5	7:00	22	144.7	1320	47.3
30	114.9		17.5	8:00	23	145.4	1380	48.0
40	117.2		19.8		24	145.7	1440	48.3
50	119.0		21.6					
60	120.6		23.2					
1[illegible]	126.3		28.9					
180	130.2		32.8					
240	132.6		35.2					
300	134.9	min	37.5					
6 HR.	136.5	360	39.1					
7	137.6	420	40.2					
8	138.7	480	41.3					
9	139.7	540	42.3					
10	140.9	600	43.5					
11	141.4	660	44.0					
12	141.9	720	44.5					
13	142.2	780	44.8					
14								
15	141.7	900	44.3					
1[illegible]	142.0	960	44.6					
17	142.3	1020	44.9					
18	143.5	1080	46.1					
19	143.8	1140	46.4					

K•E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A. 46 5493

DRAW DOWN SG#1 0-906' (ABOVE PACKERS)



$Q = 317$ gpm
$\Delta s = 19.4$ ft.
$r = 100$ ft.
$t_0 = 5.4$
$r =$

$T_1 = \frac{264Q}{\Delta s}$

$T_1 = 4313$

$S_1 = \frac{4313\, t_0}{4790\,(r^2)}$

$S_1 = .0005$

$= 5 \times 10^{-4}$

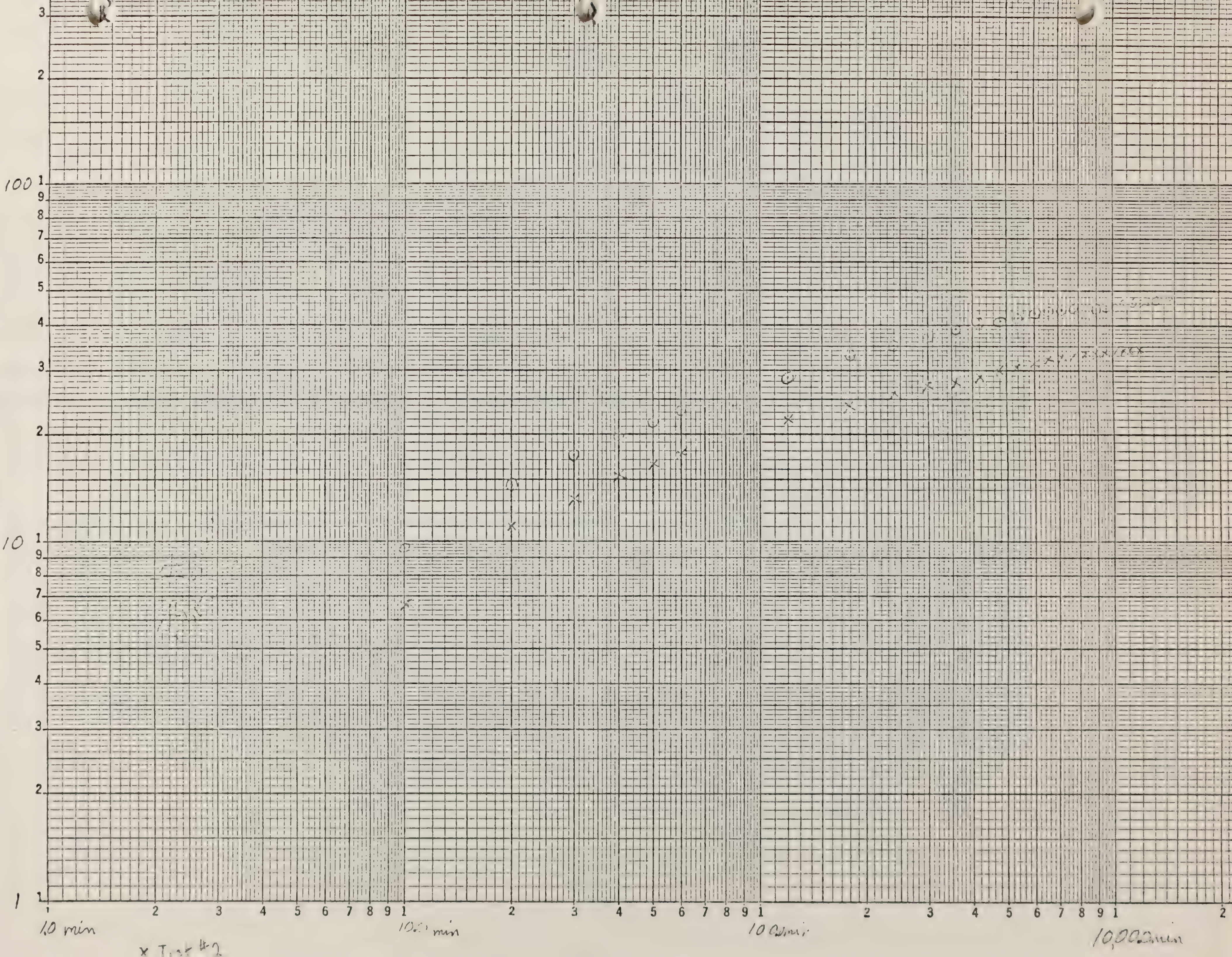
$\Delta = 20.2$
$Q = 284$
$t_0 = 83$

$T_2 = \frac{264Q}{\Delta s}$

$T_2 = 3711$

$S_2 = .0006$

$S_2 = 6 \times 10^{-4}$


100
10
1
1.0 min
10.0 min
100 min
10,000 min
x Test #2
K&E LOGARITHMIC 3 X 5 CYCLES
KEUFFEL & ESSER CO.
47 7523
MADE IN U.S.A.

II B-942

PUMP TEST DATA SHEET ; WELL NO. ______

Packers @ 944 & 968'

PUMPED WELL SG-1a OBSERVATION WELL SG-1

DATE: 1-19-74 STATIC WATER LEVEL ______

PUMP (ON) (~~OFF~~) AT 16:09 [✓ (DRAWDOWN)] (~~RECOVERY~~) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (~~NO~~)

MP = MEASURING POINT MP 0 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	102.7	0	0		1200	137.5		34.8
10	109.5		6.8		1260			
20	113.8		11.1		1320			
30	116.0		13.3		1380			
40	118.1		15.4		1440			
50	119.4		16.7					
60	120.6		17.9					
120	124.8		22.1					
180	127.0		24.3					
240	128.7	x	26.0					
300	130.1		27.4					
360	130.9		28.2					
420	131.9		29.2					
480	132.7		30.0					
540	133.5		30.8					
600	134.2		31.5					
660	135.2		32.5					
720	135.7		33.0					
780	136.3		33.6					
840	136.1		33.4					
900	136.1		33.4					
960	136.3		33.6					
1020	136.8		34.1					
1080	136.9		34.2					
1140	137.5		34.8					

TEST #2

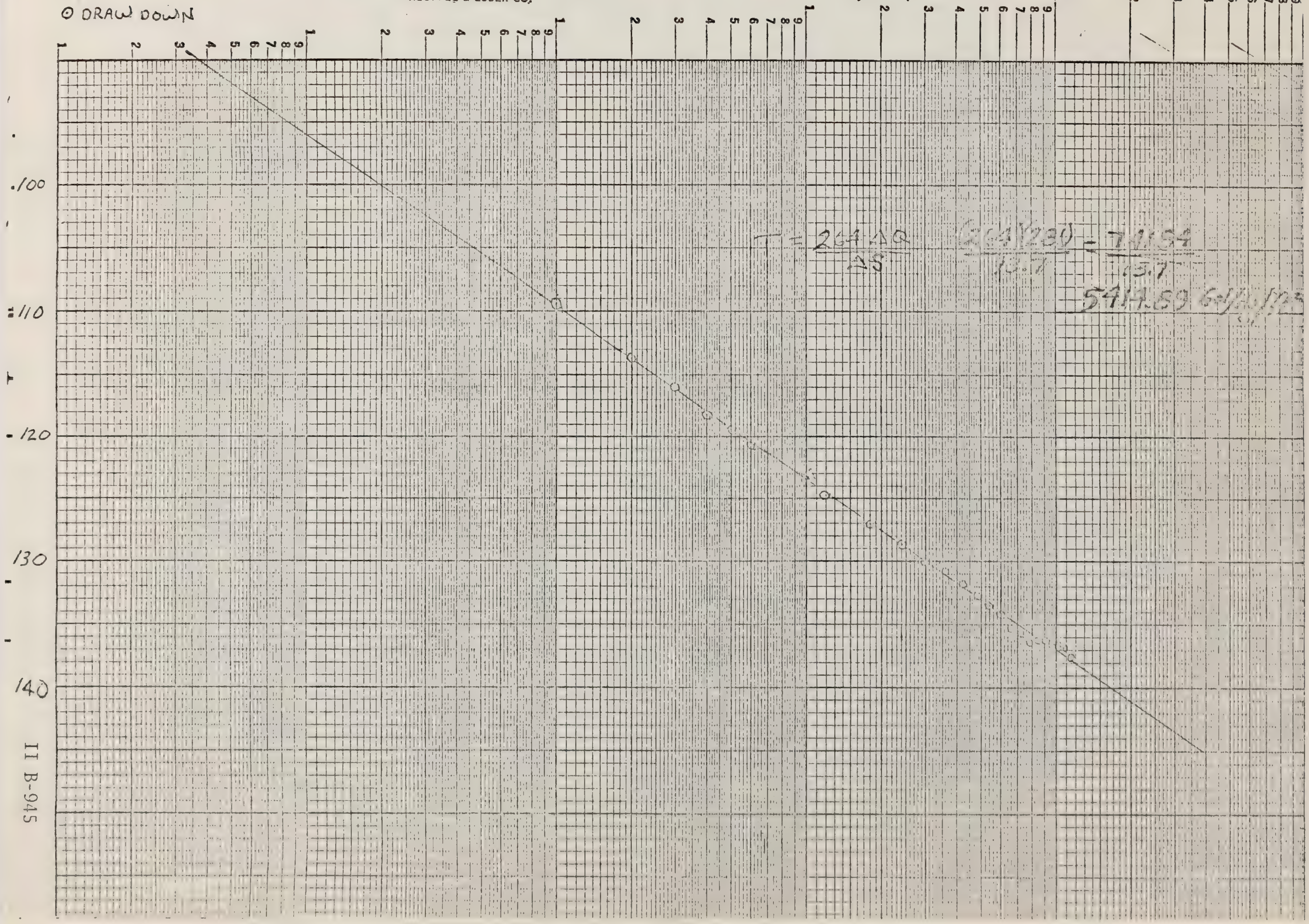
WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SG-1 LOCATION ______

DATE	TIME	TIME SINCE START ~~DEPTH~~	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate-glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS. ~~REMARKS~~
1-19	1639	.5	17	1350	Ⓒ	6"	.39	211	100
"	1709	1	17	1300			.49	301	100
"	1809	2	17	1250			.52	328	100
"	1909	3	17	1250			.52	328	100
"	2009	4	17	1250			.52	328	100
"	2109	5	17	1250			.52	328	100
"	2209	6	16	1200			.51	318	100
"	2309	7	16	1200			.49	300.7	100
1-20	2409	8	16	1200			.49	300.7	100 lbs
"	01:09	9	16°	1200			.49	300.7	100 lbs
"	02:09	10	16	1200			.49	300.7	100
"	03:09	11	16	1200			.49	300.7	100
"	04:09	12	16	1150			.49	300.7	100
"	05:09	13	16	1150			.48	291.7	100
"	06:09	14	16	1150			.48	291.7	100
"	07:09	15	16	1150			.48	291.7	100
"	08:09	16	16	11500			.48	292	100
"	09:09	17	16	1150			.48	292	100
"	10:09	18	16.5	1200			.47	283	100
"									

K+E SEMI-LOGARITHMIC 46 6213
5 CYCLES X 70 DIVISIONS · MADE IN U.S.A.
KEUFFEL & ESSER CO.

SG#1 DRAWDOWN [illegible]
Test #2



$T = \frac{264 \Delta Q}{\Delta s}$ $\frac{(264)(281)}{13.7} = \frac{74184}{13.7}$

5414.89 [illegible]

II B-945

DST Test #2 SG 1 [illegible]

PUMP TEST DATA SHEET ; WELL NO. SG-1

PUMPED WELL ____________ OBSERVATION WELL SG-1

DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ (DRAWDOWN) [✓ (RECOVERY)] TEST

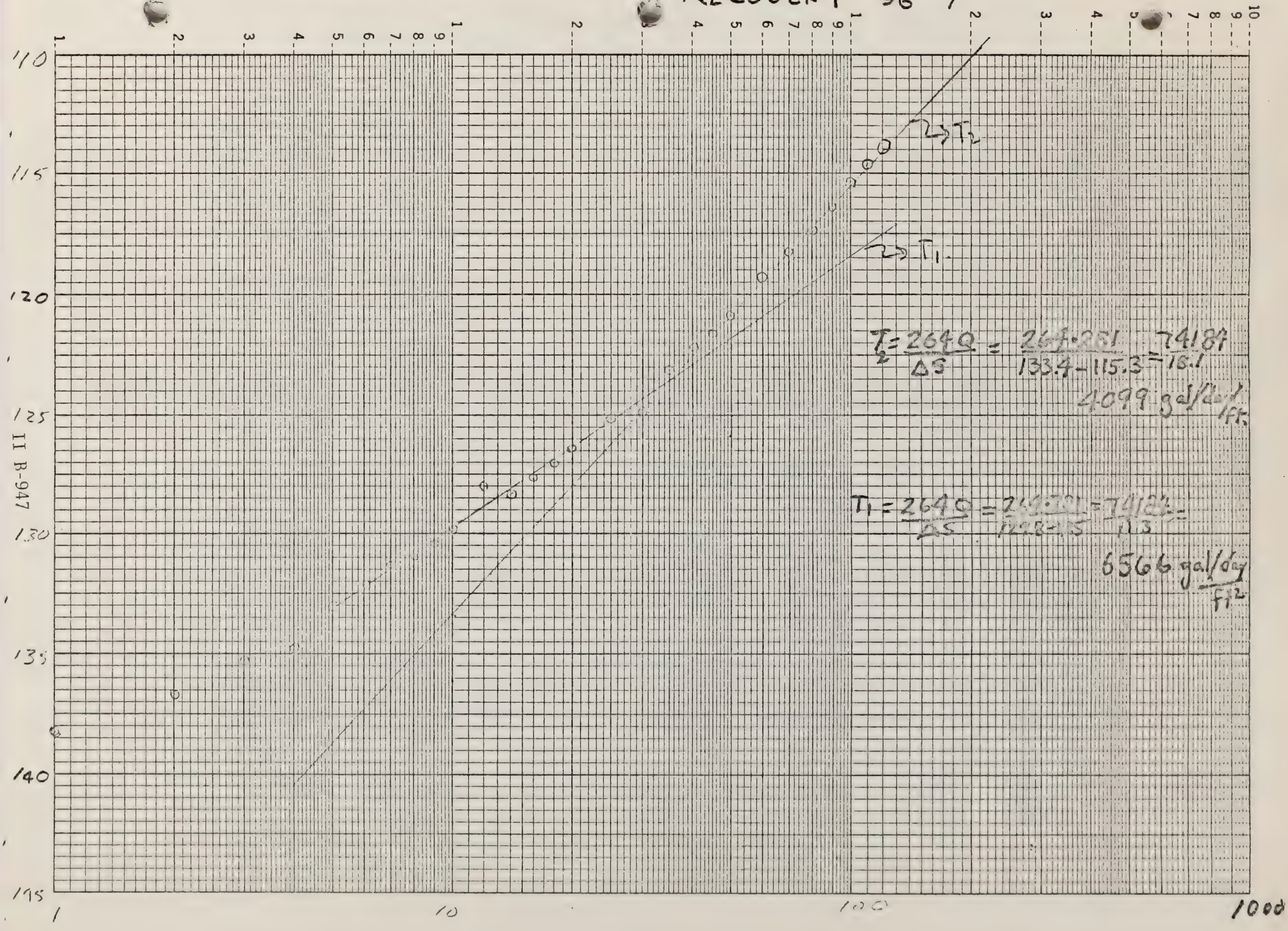
WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	ΔS	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	ΔS	PUMP RATE
0	137.5	0			90	116.4	21.1	
1	138.3	-0.8			100	115.3	22.2	
2	136.7	+0.8			110	114.7	22.8	
3	135.3	2.2			120	114.0	23.5	
4	134.7	2.8						
5	133.0	4.5						
6	132.1	5.4						
7	131.3	6.2						
8	130.~~86~~9	6.6						
9	130.4	7.1						
10	129.8	7.7						
12	128.0	9.5						
14	128.3	9.2						
16	127.7	9.8						
18	127.0	10.5						
20	126.4	11.1						
25	125.1	12.4						
30	124.8	12.7						
35	123.1	14.4						
40	122.2	15.3						
45	121.6	15.9						
50	120.8	16.7						
60	119.4	18.1						
70	118.3	19.2						
80	117.4	20.1						

K·E SEMI-LOGARITHMIC … X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A. 46 5493

RECOVERY SG #1



$T_2 = \frac{264Q}{\Delta S} = \frac{264 \cdot 281}{133.4 - 115.3} = \frac{74184}{18.1}$

4099 gal/day/ft.

$T_1 = \frac{264Q}{\Delta S} = \frac{264 \cdot 281}{128.8 - 117.5} = \frac{74184}{11.3} =$

6566 gal/day/ft²

DST-Test 2

PUMP TEST DATA SHEET; WELL NO. SG-1A

SG-1A - TD 938' - no packer

PUMPED WELL SG-1A OBSERVATION WELL SG-1A

DATE: 1-20-75 STATIC WATER LEVEL ________

PUMP (ON) (~~OFF~~) AT 1-19-75 16:09 (DRAWDOWN) [✓ (RECOVERY)] TEST
OFF at 1-20-75 12:09

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (~~NO~~)

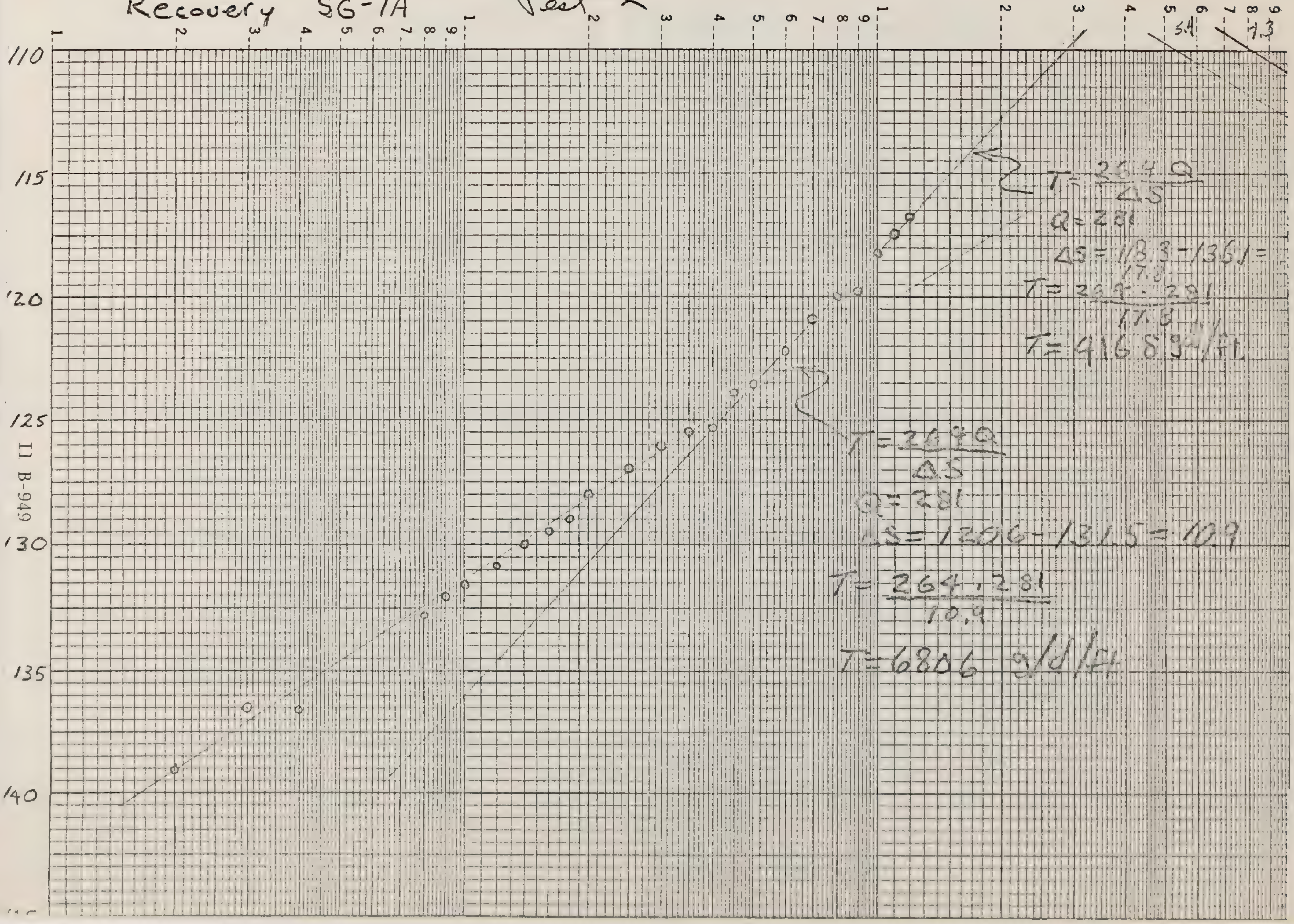
MP = MEASURING POINT MP 7.4 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					90	119.8		
1					100	118.3		
2	139.1				110	117.5		
3	136.5				120	116.8		
4	136.5							
5								
6								
7								
8	132.8							
9	132.0							
10	131.6							
12	130.8							
14	130.0							
16	129.5							
18	129.0							
20	128.1							
25	127							
30	126.1							
35	125.5							
40	125.1							
45	123.92		clean sand					
50	123.6							
60	122.2							
70	120.9							
80	120.0							

K•E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 5493

Recovery SG-1A Test #2



$T = \frac{264\,Q}{\Delta s}$

$Q = 281$

$\Delta s = 118.3 - 136.1 = 17.8$

$T = \frac{264 \cdot 281}{17.8}$

T = 4168 gpd/ft

$T = \frac{264\,Q}{\Delta s}$

$Q = 281$

$\Delta s = 120.6 - 131.5 = 10.9$

$T = \frac{264 \cdot 281}{10.9}$

T = 6806 gpd/ft

Test # 3

PUMP TEST DATA SHEET ; WELL NO. SG # 1

Packers @ 907 & 944'

PUMPED WELL SG-1A OBSERVATION WELL SG-1

DATE: 1-21-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT 7:35 [✓ (DRAWDOWN)] (RECOVERY) TEST
OFF

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 1.95 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
7:35	0	92.3			1235	300	94.5		5 hrs.
7:40	5	92.6			1325	350	94.1		5 hrs. 50 mi
7:45	10	92.8			1415	400	93.9		6 hrs. 40 mi
7:47	12	92.85			1505	450			7 hrs. 30 mi
7:49	14	92.9			1555	500			8 hrs 20 mi
7:51	16	92.9				600			10 hrs.
7:53	18	93.0				700			11 hrs. 40 mi
[illegible]55	20	93.05				800			13 hrs. 20 mi
8:00	25	93.2				900			15 hrs.
8:05	30	93.2				1000			16 hrs. 40 mi
8:10	35	93.3				1200			20 hrs.
8:15	40	93.4				1400			
8:20	45	93.4							
8:25	50	93.6				SG	# 1A		
8:35	60	93.8		1 hr.		10:30	85.9		
8:45	70	94.0				11:30	85.6		
8:55	80	N A. [illegible]				12:30	85.[illegible]		
9:05	90	94.2				1330	85.1		
9:15	100	94.3					84.5		
9:35	120	94.5		2 hr.					
9:55	140	94.7							
[illegible]5	160	94.8							
1035	180	~~4.5.0~~ 94.9		3 hrs.					
10 55	200	94.9		3hr. 20 min					
1075	250	94.7		4 hr. 10 min					

PUMP TEST DATA SHEET ; WELL NO. SG #1

TEST # 3 Recovery

PUMPED WELL SG-1A OBSERVATION WELL SG #1

DATE: ______ STATIC WATER LEVEL ______

PUMP (ON) (OFF) AT ______ (DRAWDOWN) [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 1.95 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	84.7				90	82.3		
	1	84.5				100	82.2		
	2	84.3				110	82.1		
	3	84.2				120	82.0		
	4	84.0				130			
	5	83.9				140			
	6	83.8				150			
	7	83.7				160			
	8	83.6				170			
	9	83.5				180			
	10	83.5							
	12	83.4							
	14	83.4							
	16	83.3							
	18	83.3							
	20	83.2							
	25	83.1							
	30	83.0							
	35	82.95							
	40	82.9							
	45	82.8							
	50	82.75							
	60	82.65							
	70	82.55							
	80	82.4							

Test #3

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SG-1A LOCATION

DATE	TIME	hours since start DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate-glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS REMARKS
1-21-75	0745	0.5	14°	1600	0	6"		20	
1-21	835	1	14.5	1650				20	200
1-21	935	2	15.5	1750			[illegible]	20	210
1-21	1035	3	16.	1700				20	210
1-21	1135	4	16	1700			13 sec/5 gal	23.1	200
1-21	1235	5	16	1800			14 sec/5 gal	21.4	200
1-21	1330	6	16	1800			14 sec/5 gal	21.4	200
1-21	1430	7	16	1800				20	200

SURFACE TIME RECORD

~~Multi Packer Test String # 2~~

DST # 3

SG #1 Test Depth 944' - 968

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-19-75	00:00	0150	SG-1 Started in hole w/ recorders & Pkrs.
"	0150	02:17	SG-1 IHP for 27 min.
"	2:18		SG-1 Pkrs. set — Hook Wall set
"	8:50	11:10	UNLOAD HOLE & DRILLING STOP DRILLING SG-1A
"	11:10	13:20	Reckeck strap SG-1A
"	13:20	13:45	DRILLING SG-1A
"	13:45	13:09	CLeaning hole & setting Jet string SG-1A
" 1-20-75	13:09	1209	START JETTING STOP JETTING
"	1209	1409	RECOVERY 1-1A
"	1409	1440	TRIPPING S-J LOGS
"	1440		
1-20-75	1900	2145	Trip IN HOLE SG 1-A SET PKer AT 9:45
1-20-75 TO 1-21-75	2145	0230	RUN JET Tubing move rig To SG #1

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.
WITH SPERRY SUN QUARTZ CLOCK ON LOCATION.

C.E.R. 1-6-75

42.182 100 SHEETS NATIONAL Made in U.S.A.

PAGE ___ OF ___

SURFACE TIME RECORD
MULTI-PACKER TEST SERIES # 2

Test #3 1-21-75

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-21-75	0230	04:30	PULL PKer IN SG #1 PKer Pulled AT 0230 Trip out of Hole reset Bombs
1-21-75	0430	0657	START IN HOLE WITH Tools SET PACKERS AT 0657
1-21-75	0657	0735	PREP for JETTING TEST
1-21-75	0735	1435	START JETTING TEST STOP JETTING
1-21-75	1435		Recovery
			Misrun Packers leaked

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.
WITH SPERRY SUN QUARTZ CLOCK ON LOCATION.

C.E.R. 1-6-75

42-182 100 SHEETS NATIONAL

SURFACE TIME RECORD
MULTI-PACKER TEST SERIES # 2

DST#4

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-23-75			Packer Depth in SG#1 907' 944' Test Depth in SG#1 38' Packer Depth in SG#1A 909
			Test Depth in SG#1A 909' 938' Sperry Sun Gauges @ 893' 918' 959' Lynes Gauges @ 893' 931' 954'
	19:30	21:30	Making up Tools
	21:30	21:47	Clocks + recorders
	21:47	00:50	Start in hole w/ Pkr assembly Tryin To set pkrs
	00:50		Pkrs. definately set
1-24-75	0050	1:20	Taking recovery period from setting Pkrs.; Started 24 hr jetting at 1:20
1-25-75	1:20	<	Test over -; Prep. to pull Test assemb.
	1:20	4:20	Recovery in #1A + #1
	4:20	4:40	Prep to pull Pkrs. lose.
	4.40		Pkrs. pulled - Start out of hole.
			No packers leaked.

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.
WITH SPERRY SUN QUARTZ CLOCK ON LOCATION.

II B-955 C.E.R. 1-6-75

DST #4

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SG - 1A LOCATION

DATE	TIME	Time Since Start ~~DEPTH~~	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS. REMARKS
1-24	1:50	.5	12°	2600	0	6"		6 g/m	~~8 gpm~~
	2:20	1°	12°	2900				6 g/m	120
	3:20	2	13.5	2900				6 g/m	120
	4:20	3	13.0	2900				6 g/m	120
	5:20	4	13.0	2900				6 g/m	120
	6:20	5	13.0	2900				6 g/m	120
	7:20	6	13.0	3000				6 g/m	120
	8:20	7	14.	3000				6	120
1-24	9:20	8	15.5	3000				6	120
1-24	10:20	9	15	>3000				6	120
1-24	11:20	10	15.5	>3000				6	120
1-24	1300	11.5	15	3000				6	120
h=8.5 → 1-24	1400	12	15	3170	USGS	MEASUREMENTS		8	120
1-24	1620	13	15	3400				6	120
		14							
		15							
1-24	1800	16	15	3200				8	120
	2020	17	14	3000				6 g/m	120
	21:20	18	14	3000				7.5	120
	22:20	19	13.5	3200	↓	↓		6 g/m	120

DST#4

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR________ WELL NAME & NUMBER________________________ LOCATION______________

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	Air Press ~~REMARKS~~
1-24	2320		14.0	3200				6 g/m	120
1-25	24:20		15.0	3200				6 g/m	120

D.P.

DST #4

ecord in ~~[illegible]~~

SG #1

[illegible] in

[illegible] pipe

PUMP TEST DATA SHEET ; WELL NO. SG-1

Packers @907 & 944

PUMPED WELL ____________ OBSERVATION WELL SG-1

DATE: 1-23-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ [✓ (DRAWDOWN)] (~~RECOVERY~~) TEST

WATER TEMP. ______ CONDUCTIVITY ________ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT · MP 8.2 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	2.0			6:20	300	11.9		5 hrs.
5	2.4			7:10	350	12.6		5 50 min.
10	2.8			8:00	400	12.9		6 40
12	3.1			8:50	450	13.3		7 30
14	3.2			9:40	500	13.6		8 20
16	3.4			11:20	600	14.1		10
18	3.6			1300	700	14.5		11 40
20	3.8			1440	800	14.9		13 20
25	4.1			1620	900	15.2		15
30	4.5			1800	1000	15.4		16 40
35	4.8			[illegible]:20	1200	16.1		20
40	5.1'			2040	1400	16.3		
45	5.4'			1:20	1440	16.4		
50	5.6							
60	6.1		1 hr.	[illegible]	[illegible]	7.0+1.95		
70	6.7							
80	7.0							
90	7.5							
100	7.8							
120	8.5		2					
140	9.1							
160	9.6							
180	10.1		3					
200	—		3 20					
250	11.3		4 10					

DST #4

PUMP TEST DATA SHEET; WELL NO. 56-1

rd in ~~D.P.~~ Annulus
5G #1
ndown phase.

Packers @ 907 & 944'

PUMPED WELL ________ OBSERVATION WELL 56-1

DATE: 1-23-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ [✓ (DRAWDOWN)] (RECOVERY) TEST

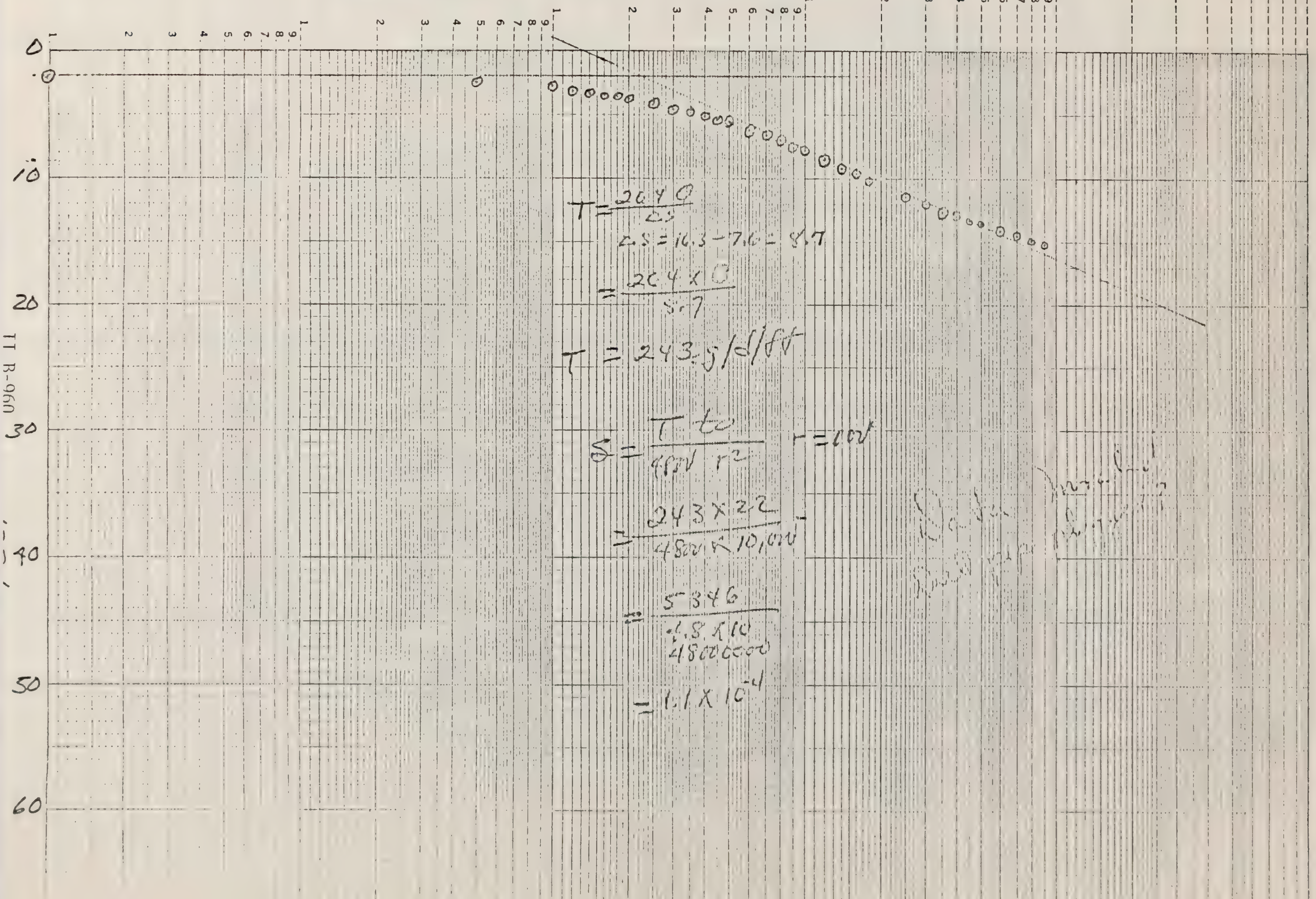
WATER TEMP. ________ CONDUCTIVITY ________ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT MP 42 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	0			6:20	~~300~~	+2.65		5 hrs.
5	0			7:20	~~350~~	3.18		~~5 30 min.~~
10	-.05'			8:20	~~400~~	3.6		~~6 40~~
12	-.05			9:20	~~450~~	4.0		~~7 30~~
14	0			10:20	500	4.5		8 20
16	0			11:20	600	4.73		10
18	0			1300	700	5.35		11 40
20	+.1'			1440	800	6.1		13 20
25	+.1'			1620	900	6.5		15
30	+.15'			1800	1000	7.1		16 40
35	+.23'			21:20	1200	7.7		20
40	+.36'			00:40	1400	8.4		
45	+.4			1:20	1440			
50	+.44							
60	+.71		1 hr.					
70	+.94							
80	+1.11							
90								
100								
120	+1.64		2					
140								
160								
180	2.61		3					
200			3 20 min.					
250	2.32		4 10 min.					

K+E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A. 46 6212

DRAWDOWN SG #1 907-944' 2.69



$T = \frac{264\ Q}{\Delta s}$

$\Delta s = 16.3 - 7.6 = 8.7$

$= \frac{264 \times Q}{8.7}$

$T = 243\ g/d/ft$

$S = \frac{T\ t_0}{4800\ r^2}$ $r = 100$

$= \frac{243 \times 2.2}{4800 \times 10{,}000}$

$= \frac{5346}{4.8 \times 10}$ 48000000

$= 1.1 \times 10^{-4}$

'rco ET AL Sorghum Gulch #1 DST#4

n 25 -1985

PUMP TEST DATA SHEET ; WELL NO. SG-1

cc ery

. #1

n Rill

PUMPED WELL ______ OBSERVATION WELL SG-1

DATE: ______ STATIC WATER LEVEL ______

PUMP (ON) (OFF) AT ______ ~~(DRAWDOWN)~~ [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 8.0 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	16.4				90	16.55		
1	16.4				100	16.56	Annulus	80.1
2	16.4				110	16.55		
3	16.4				120	16.56		
4	16.4				130	16.58	Annulus	80.0
5	16.4				140	16.60		
6	16.4				150	16.60		
7	16.4				160	16.62	Annulus	80.0
8	16.4				170	—		
9	16.4				180	16.65		
10	16.41							
12	16.4							
14	16.4							
16	16.4							
18	16.4							
20	16.4							
25	16.4							
30	16.4							
35	16.4	Annulus @ 79.7						
40	16.45							
45	16.45							
50	16.45							
60	16.46							
70	16.48	Annulus @ 79.55						
80	16.52							

DST #4

d in Annulus #1A

PUMP TEST DATA SHEET ; WELL NO. SG-1A

Packers @ 909 ~~[illegible]~~' TD 938'

down phase PUMPED WELL ________ OBSERVATION WELL SG-1A 2.69

DATE: 1-23-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ [✓ (DRAWDOWN)] (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 4.5 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	85.70 Prior to Start			6:20	300	+2.76		5 hrs.
5	83.60			7:20	360	+3.32		5 50 min.
10	00.00			8:20	400	+3.87		6 [illegible]
12	00.00			920	~~[illegible]~~	4.3		~~7 30~~
14	00.00			1025	500	4.75		8 20
16	00.00			11:20	600	5.1[illegible]		10
18				1300	700	5.73		11 40
20				1440	800	6.3		13 20
25				1620	900	6.9		15
30				1800	1000	7.3		16 40
35	+ [illegible]			21:20	1200	7.7		20
40	+00.40			00:40	1400	8.4		
45	+00.45			1:20	1440	8.6	End of Test @ 1:20 1-25-75	
50	+00.50							
60	+00.60		1 hr.	1:40	[illegible]	8.95'		
70	+1.13			2:10		9		Recovery
80				2:40		9.15		
90				3:10		9.25		
100				3:40		9:45		
120	1.62		2	4:10		9:50		
140								
160								
180	2.11		3					
200			3 20 min					
240	2.4		4 10 min					

Arco Et Al Sorghum Gulch #1A

DST #4

Jan 25 - 1975

PUMP TEST DATA SHEET ; WELL NO. SG-1A

909 - 938'

PUMPED WELL ________ OBSERVATION WELL SG-1A

Recovery for SG # 1 A

Down Drill pipe

Q.6

DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ [illegible] [✓ RECOVERY] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

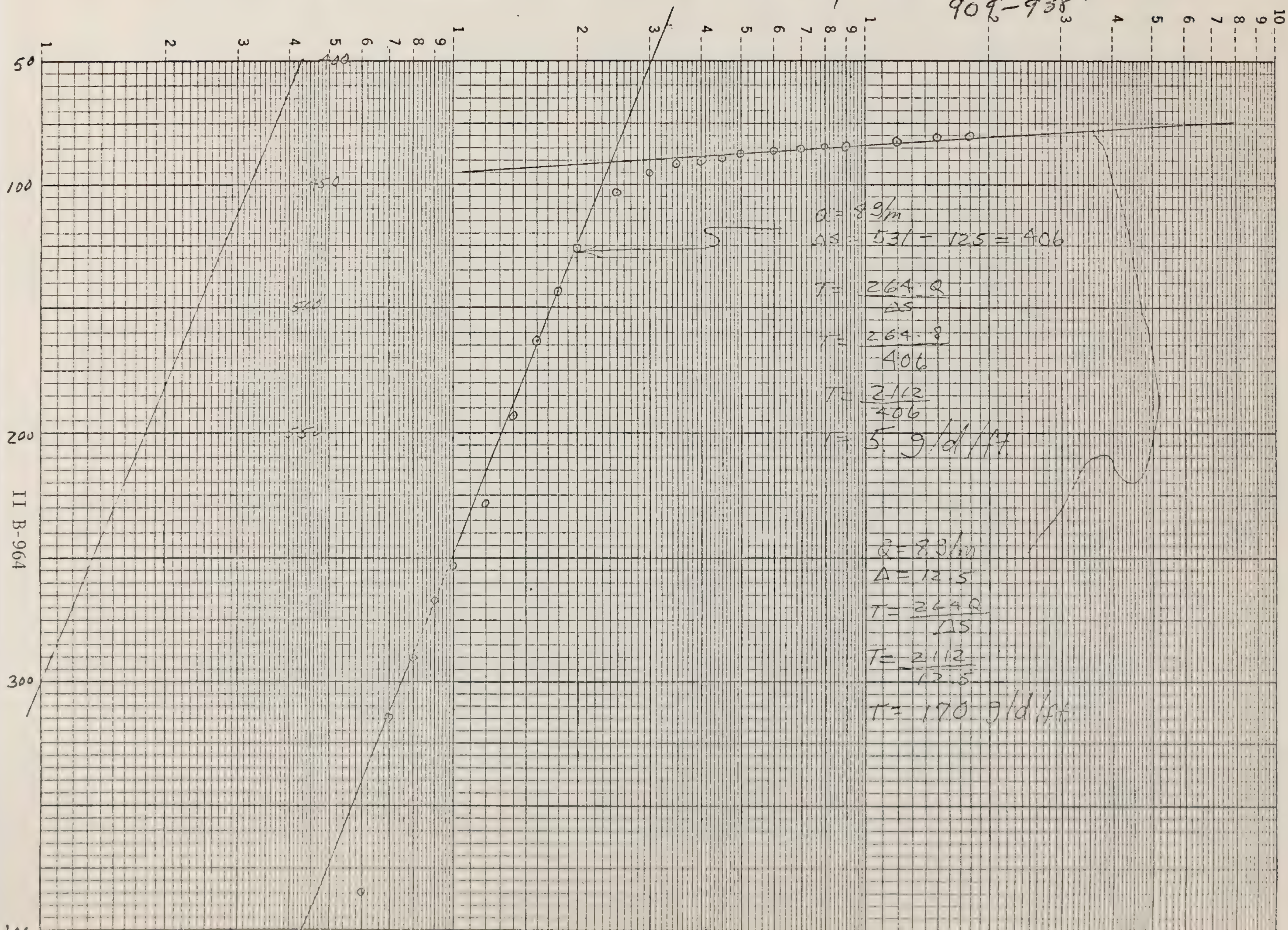
MP = MEASURING POINT MP 4.5 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0					90	83.85		
	1					100	83.30		
	2					110	82.90		
	3					120	82.35		
	4					130	81.90		
	5					140	81.50		
	6	390 - 5.35 = 384.65				150	81.20		
	7	320 - 6.10 313.90				160	80.50		
	8	300 - 9.20 = 290.80				170	80.30		
	9	270 - 2.5 = 267.50				180	80.50		
	10	260 - 6.75 = 253.25							
	12	230 - 1.75 = 228.25							
	14	200 - 6.95 = 193.05							
	16	170 - 6.66 = 163.34							
	18	152 - 7 42 = 142.58							
	20	130 - 430 = 125.70							
	25	110 - 6.63 = 103.37							
	30	100 - 4.53 = 95.47							
	35	100 - 7.85 = 92.15							
	40	89.85							
	45	88.55							
	50	87.45							
	60	86.25							
	70	85.30							
	80	84.45							

II B-963

K+E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A. 46 5493

Recovery SG-1A
908-938'



Q = 8 g/m
ΔS = 531 - 125 = 406

$T = \frac{264 \cdot Q}{\Delta S}$

$T = \frac{264 \cdot 8}{406}$

$T = \frac{2112}{406}$

T = 5. g/d/ft

Q = 8 g/m
Δ = 12.5

$T = \frac{264 Q}{\Delta S}$

$T = \frac{2112}{12.5}$

T = 170 g/d/ft

PAGE   OF

SURFACE TIME RECORD

~~MULTI-PACKER TEST SERIES # 2~~

DST # 5   SG-1 - SG-1A

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-25-75	15:05		Set Packers in SG-1 sperry sun recorders 932' 956' 990 Lynes recorders 933' 956' 975 Set clocks at 14:00
1-25-75	20:30	1-26-74 2:30	Started Jetting
	2:30	5:30	Recovery in Annulus of SG#1 Recovery in DP on SG#1 #1A
	5:30		DRILLING misrun - Packers leaked
		SG-1A-	Packer @ 947, TD 969'
		SG-1	Packers @ 944 & 968'

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.
WITH SPERRY SUN QUARTZ CLOCK ON LOCATION.

C.E.P. 1-6-75

938'

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SG-1A LOCATION ____________

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate-glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	Air Press REMARKS
1-25	20:30		17.0°C	1850	—	6"	.53	341.1	125 lbs
	22:30		14.0°C	1700		6"	.56	367	125 lbs
	23:30		14.0°C	1700		6"	.57	381	125 lbs
	00:30		14.0°	1700		6"	.56	367	125 lbs
	1:30		14.0°C	1700		6"	.56	367	125 lbs
	2:30		14.0°C	1700		6"	.56	367	125 lbs.

PUMP TEST DATA SHEET ; WELL NO. SG-1

Packus @ 944-968

aw Down in PUMPED WELL SG-1A OBSERVATION WELL SG-1

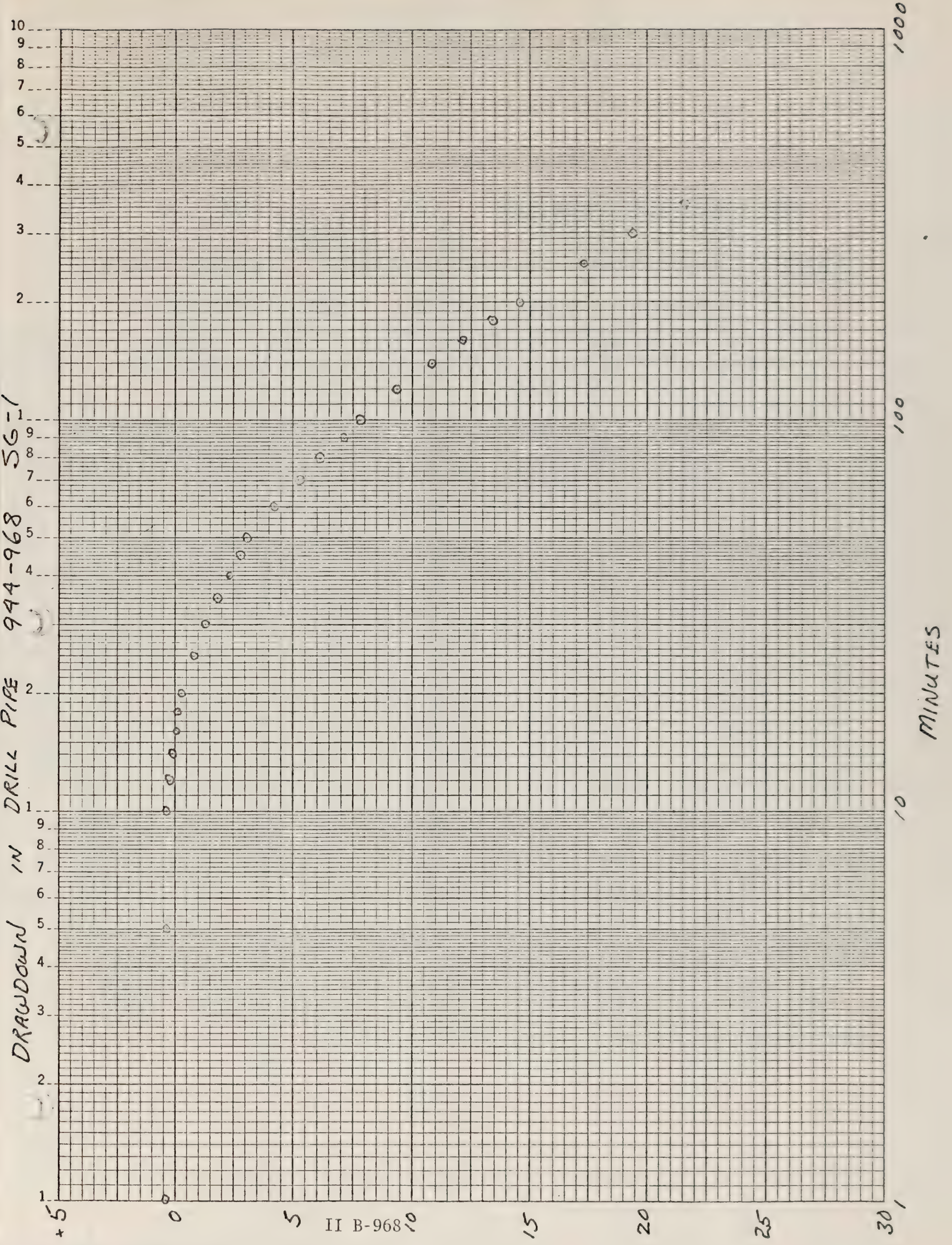
DATE: ______ STATIC WATER LEVEL ______

PUMP (ON) (~~OFF~~) AT ______ OFF AT [✓ (DRAWDOWN)] (~~RECOVERY~~) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

K E	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
:0	0	+.41				200	14.54		
	5	+.40				250	17.35		
	10	+.3				300	19.35		
	12	+.2				360	21.6		
	14	+.1							
	16	-.05							
	18	-.20							
	20	-.37							
	25	-.78							
	30	-1.30							
	35	-1.80							
	40	2.28							
	45	2.82							
	50	3.03							
	60	4.26							
	70	5.25							
	80	6.12							
	90	7.15							
	100	7.85							
0	120	9.36							
	140	10.8							
	160	12.15							
	180	13.38							


DRAWDOWN IN DRILL PIPE 944-968 SG-1
MINUTES
1000
100
10
1
10
9
8
7
6
5
4
3
2
1
+5
0
5
10
15
20
25
30

DST #5

PUMP TEST DATA SHEET ; WELL NO. SG-1

PUMPED WELL SG-1A OBSERVATION WELL SG-1

[illegible] on in
u/us
DD in annulus

DATE: ________ STATIC WATER LEVEL ________

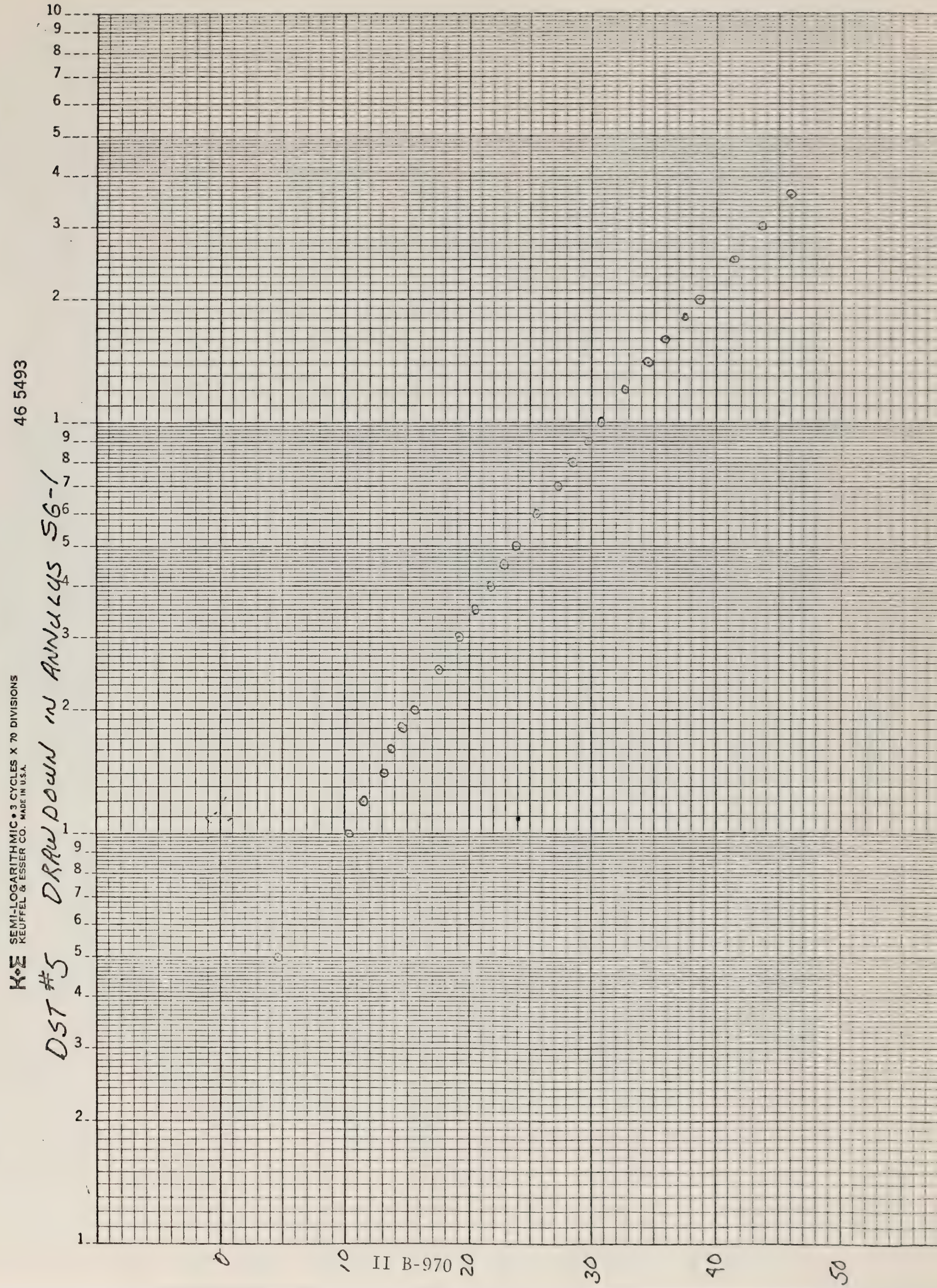
PUMP (ON) (~~OFF~~) AT ________ (DRAWDOWN) (~~RECOVERY~~) TEST
OFF AT

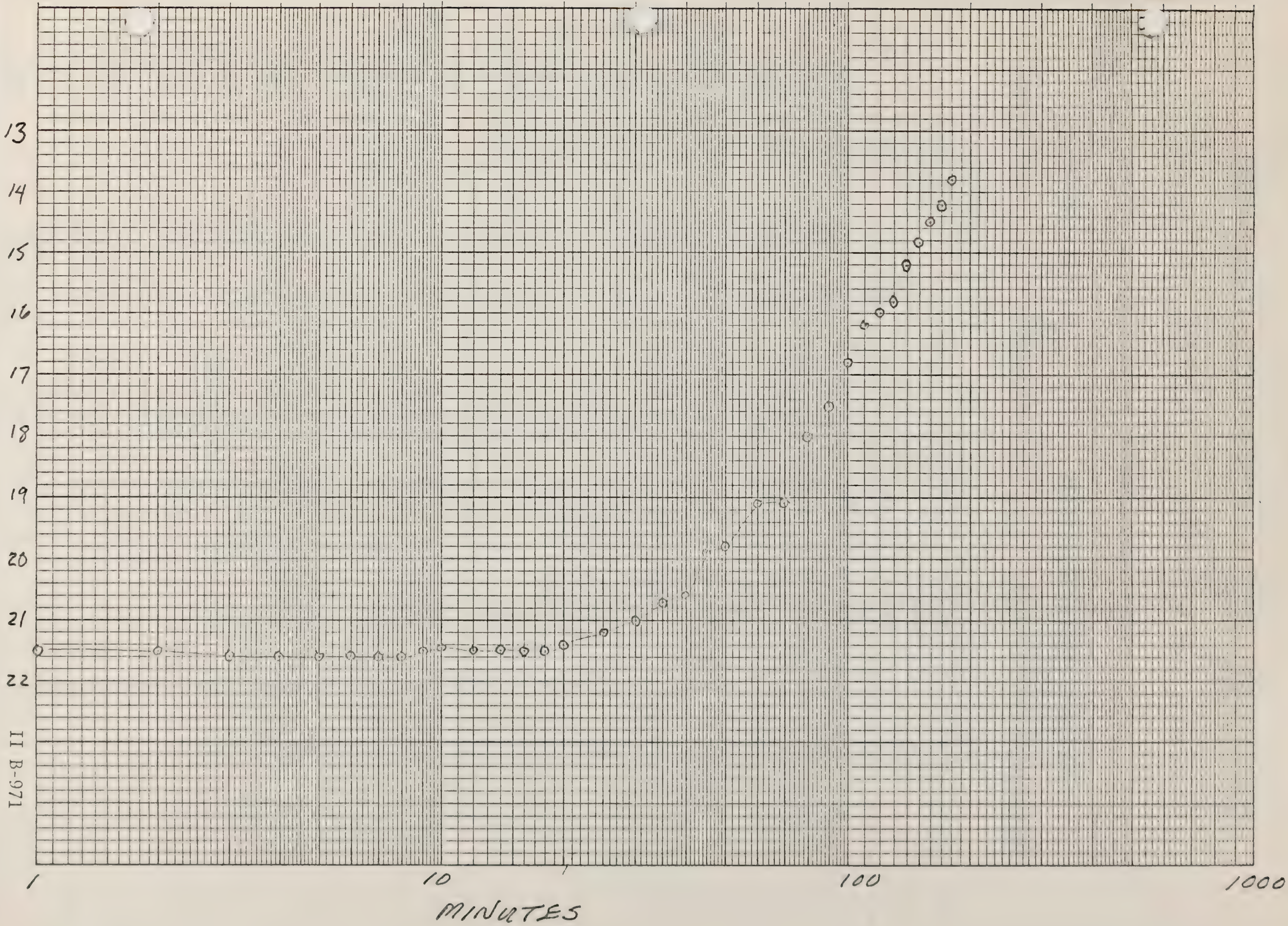
WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (~~YES~~) (NO)

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					200	38.7		
5	-4.73				250	41.4		
10	-10.3				300	43.7		
12	11.5				360	46		
14	13.05							
16	13.8							
18	14.7							
20	15.6							
25	17.4							
30	19.1							
35	20.6							
40	21.9							
45	22.9							
50	23.4							
60	25.6							
70	27.2							
80	28.5							
90	29.8							
100	30.8							
120	32.7							
140	34.5							
160	35.9							
180	37.4							

DST #5 DRAWDOWN IN ANNULUS SG-1




13
14
15
16
17
18
19
20
21
22
1
10
100
1000
MINUTES

DST #5

PUMP TEST DATA SHEET ; WELL NO. SG-1

944-968

PUMPED WELL SG-1A OBSERVATION WELL SG-1

covery in
P. Drill pipe

DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) [✓ (OFF)] AT ________ (DRAWDOWN) [✓ (RECOVERY)] TEST
OFF AT

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) [✓ (NO)]

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	21.6				90	17.5		
1	21.5				100	16.8		
2	21.5				110	16.2		
3	21.6				120	16		
4	21.6				130	15.8		
5	21.6				140	15.2		
6	21.6				150	14.8		
7	21.6				160	14.5		
8	21.6				170	14.2		
9	21.5				180	13.8		
10	21.45							
12	21.5							
14	21.5							
16	21.5							
18	21.5							
20	21.4							
25	21.2							
30	21							
35	20.7							
40	20.6							
45	19.9							
50	19.8							
60	19.1							
70	19.1							
80	18							

DST # 5

PUMP TEST DATA SHEET ; WELL NO. ______

PUMPED WELL SG-1A OBSERVATION WELL SG-1

covery in
mins

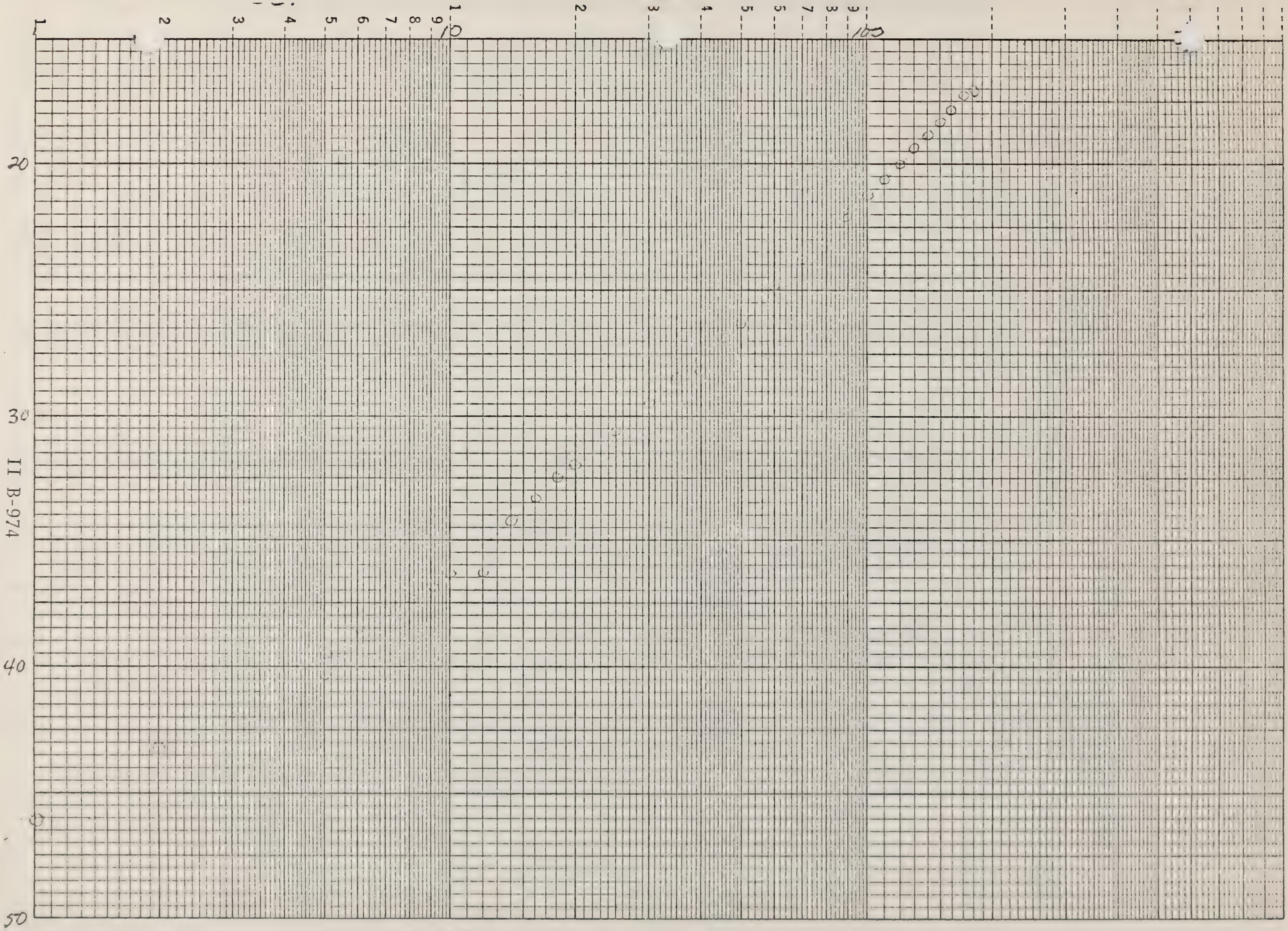
DATE: ______ STATIC WATER LEVEL ______

PUMP (ON) (~~OFF~~) AT ______ OFF AT (~~DRAWDOWN~~) [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	46.				90	22.1		
1	46.1				100	21.3		
2	43.2				110	20.6		
3	41.8				120	20		
4	40.3				130	19.4		
5	39.5				140	18.8		
6	38.5				150	18.3		
7	37.9				160	17.8		
8	37.3				170	17.3		
9	36.8				180	17.1		
10	36.3							
12	36.3							
14	34.2							
16	33.3							
18	32.5							
20	32							
25	30.6							
30	29.5							
35	28.5							
40	28.2							
45	26.9							
50	26.3							
60	24.8							
70	23.8							
80	22.9							



Recovery Test in Annulus

DST #-5

PUMP TEST DATA SHEET ; WELL NO. ________

covery in
P. UP.

PUMPED WELL SG-1A OBSERVATION WELL SG-1A

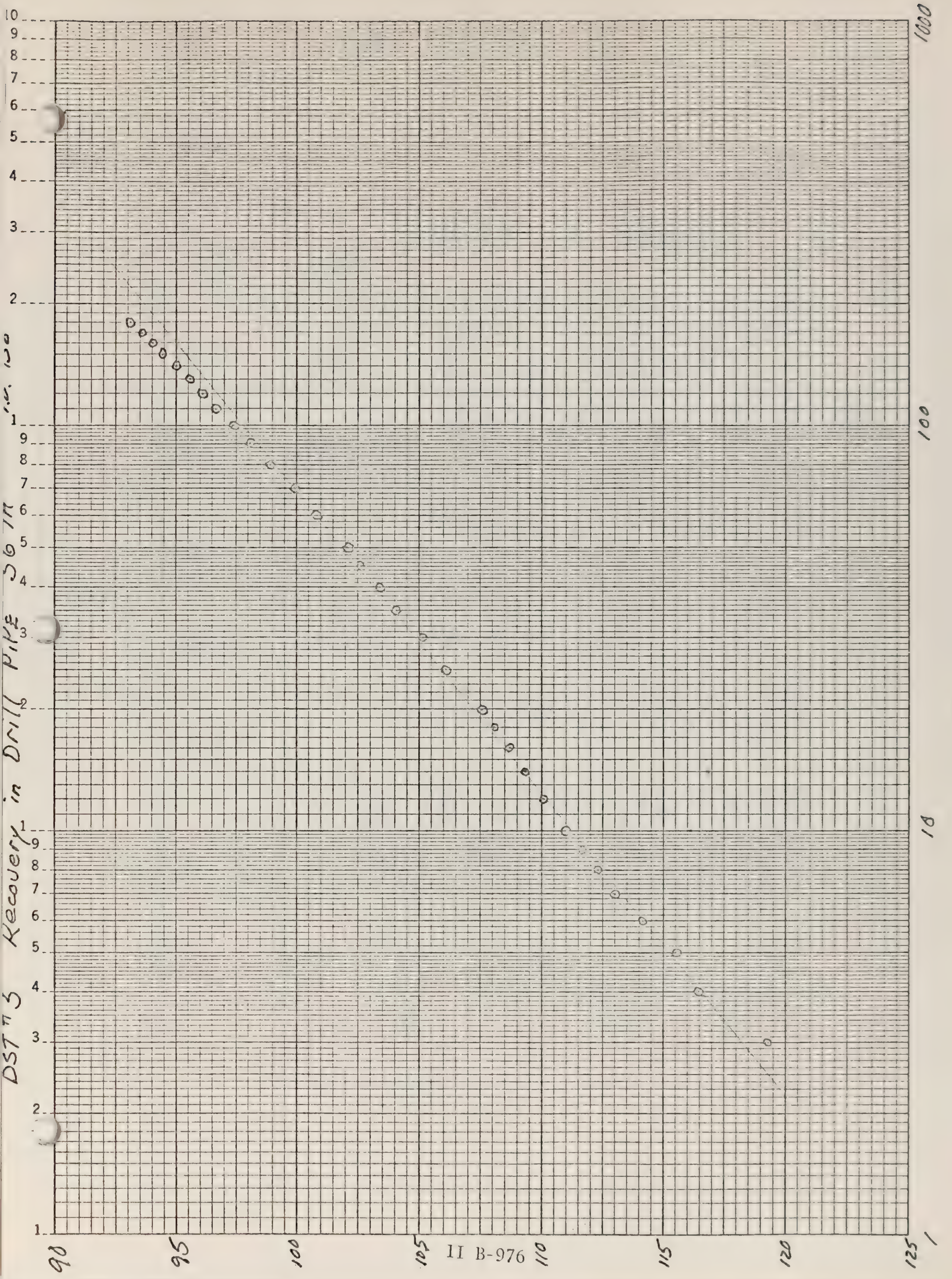
DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) (~~OFF~~) AT ________ OFF AT (~~DRAWDOWN~~) [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT MP ____ FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					90	98.1		
1	~				100	97.4		
2					110	96.7		
3	119.3			4:30	120	96.1		
4	116.5				130	95.6		
5	115.5				140	95.0		
6	114.2				150	94.4		
7	113.0				160	94.0		
8	112.3				170	93.6		
9	111.7				180	93.1		
10	111.-							
12	110.1							
14	109.3							
16	108.7							
18	108.1							
20	107.6							
25	106.1							
30	105.2							
35	104.1							
40	103.4							
45	102.7							
50	102.1							
60	100.8							
70	99.9							
80	98.9							


DST #3 Recovery in Drill Pipe 56 ft. in. 120
1000
100
10
1
90
95
100
105
110
115
120
125

II B-976

DST # 6 1-27-75

Date	START	STOP	
1-27-75	0000	0050	Make up tools
"	0050	3:20	Start in hole & set Packers & Check
	3:20	1521 ~~3:21~~	Start jetting 1A for 12hr.
	1521	18:15	Recovery measurements
	1815	1830	Recovering
	1830	-	TRIPPING OUT
			SG-1A - TD 969, Packer @ 947' SG-1 Packers @ 944-968'

DST#6

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER S6-1A LOCATION

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
1-27	4:15		14.0	1850				10 g/m	
	5:15		15.0	1950				10g/m	
	6:15		16.0	2100				10g/m	
	7:15		16.0	2200				10g/m	
	815		16.5	2250				10g/m	
	915		16.5	2250			25 sec/5gal	12	
	1015		16.5	2250				12	
	1135		17	2400	USGS Measurements			10.9	
	1500		17	2400			24 sec/5gal	12.5	

DST #6

PUMP TEST DATA SHEET ; WELL NO. SG-1

944-968'

PUMPED WELL SG-1A OBSERVATION WELL SG-1

DD ≈ DP

DATE: 1-27-75 STATIC WATER LEVEL ______

PUMP (ON) (~~OFF~~) AT 3:20 [✓ (DRAWDOWN)] (~~RECOVERY~~) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (~~YES~~) [✓ (NO)]

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0				8:20	300	15.3		5
5	-6'			9:10	350	15.25		5 50
10	[illegible]			10:00	400	15.07		6 40
12	— 9.3			10:50	450	14.8		7 30
14	~~13~~ -10.1			11:40	500	14.75		8 20
16	-10.75			1320	600	14.50		10
18	-11.3			1600	700	14.2		11 40
20	-11.75			1620	720			
25	-12.6							
30	-13.2							
35	-13.65							
40	-13.9							
45	-14.15							
50	-14.35							
60	-14.60		1					
70	-14.8							
80	-14.93							
90	-15.0							
100	-15.05							
120	-15.08		2					
140	15.15							
160	15.28							
180	15.42		3					
200	15.48		3 20					
250	15.20		4 10					

II B-979

DST #6

PUMP TEST DATA SHEET ; WELL NO. SG-1

PUMPED WELL SG-1A OBSERVATION WELL SG-1

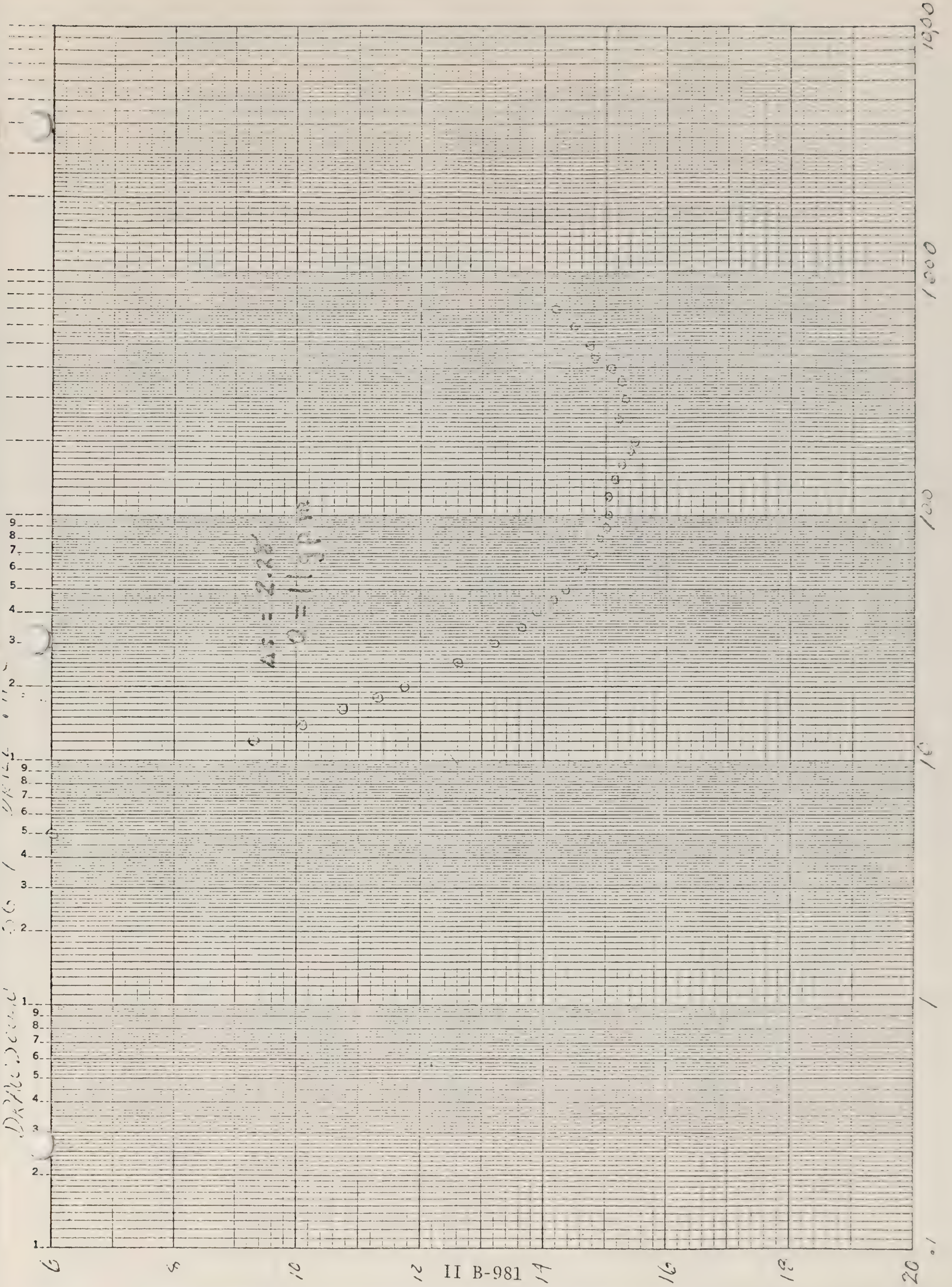
DATE:_______ STATIC WATER LEVEL_______

PUMP (ON) (OFF) AT _______ [✓ (DRAWDOWN)] ~~(RECOVERY)~~ TEST

WATER TEMP._____ CONDUCTIVITY______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP____FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					300	2.1		5 hr.
5	.0 GOING		UP		350	2.45		5 50min
10	~~+.05~~				400	2.6		6 40
12	— +.05				450	2.9		7 30
14	+.05				500	3.15		8 20
16	+.1				600	3.65		10
18	+.15				700	4.3		11 40
20	+.2				800			
25	+.25				900			
30	+.28				1000			
35	+.32				1200			
40	+.38							
45	+.40							
50	+.42							
60	+.52		1 hr.					
70	+.60							
80	+.65							
90	+.75							
100	+.82							
120	+.99		2hr.					
140	+1.1							
160	+1.26							
180	+1.34		3					
200	+1.60		3 20					
250	1.85		4 10					

10,000
1,000
100
10
1
.1
Drawdown
Δt = 2.3 hr
Q = 10 gpm
6
8
10
12
14
16
18
20

II B-981

DST#6

PUMP TEST DATA SHEET ; WELL NO. SG-1

ecovery
IN
J P.
14-968

, PUMPED WELL SG-1A OBSERVATION WELL SG-1
D. P

DATE: 1-27-75 STATIC WATER LEVEL ________

PUMP (~~ON~~) (OFF) AT 1521 (~~DRAWDOWN~~) (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	14.2				90	-1.15		
1					100	1.25		
2					110	1.35		
3	14.55				120	1.55		
4	1				140	1.8		
5	15.00			170	1[illegible]	2.05		
6					180			
7					200			
8	12.8?				220			
9	13.0				240			
10								
12	9.75							
~~14~~ 15	7.2							
~~16~~	6.15							
18	4.8							
20	3.8							
25	2.6							
30	1.55							
35	1.							
40	.5							
45	.2							
50	-.05							
60	-.5							
70	-.7							
80	-1.0							

DST #6

PUMP TEST DATA SHEET ; WELL NO. ______

PUMPED WELL S6-1A OBSERVATION WELL S6-1 ANNULUS

DATE: ______ STATIC WATER LEVEL ______

PUMP (ON) (OFF) AT ______ (~~DRAWDOWN~~) [✓ (RECOVERY)] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					90	4.9		810
1			Time since		100	4.9		820
2			start of Test		110	4.93		830
3	4.4		~~[illegible]~~ 723		120	4.96		840
4					140	5.15		860
5	4.35		~~[illegible]~~ 725		160	5.25		890
6					180			
7					200			
8					220			
9					240			
10	4.3		~~[illegible]~~ 730					
12								
14								
16	4.3		~~[illegible]~~ 736					
18								
20								
25	4.45		745					
30	4.5		750					
35	4.5		745					
40	4.75		760					
45	4.6		765					
50	4.6		770					
60	4.7		780					
70	4.7		790					
80	4.75		800					

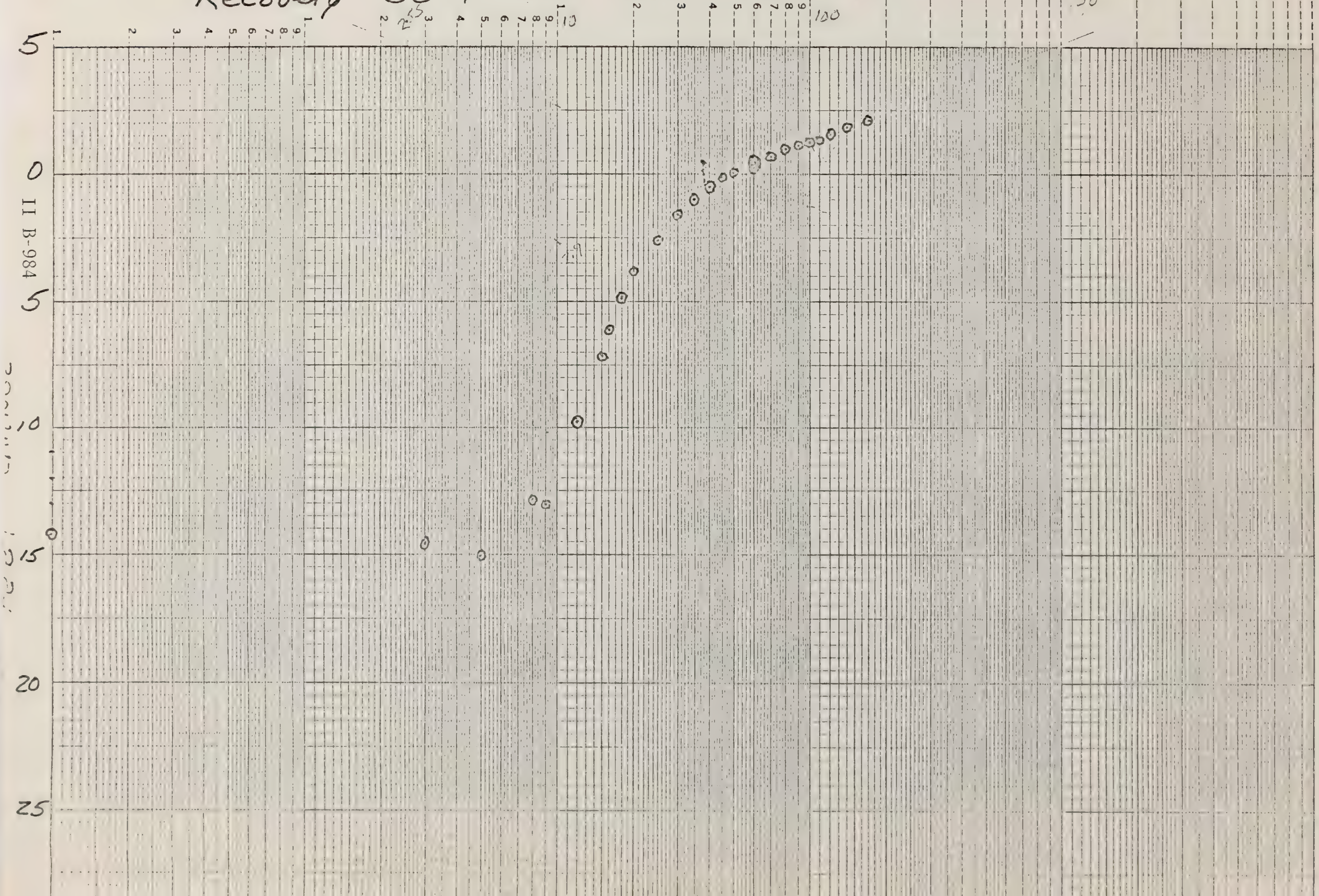
$\Delta s = 3.95$ $t_o \doteq 910$ min

$Q = 11$ gpm $= 4 \times 10^{-5}$

$T = 735$ gal/day/ft

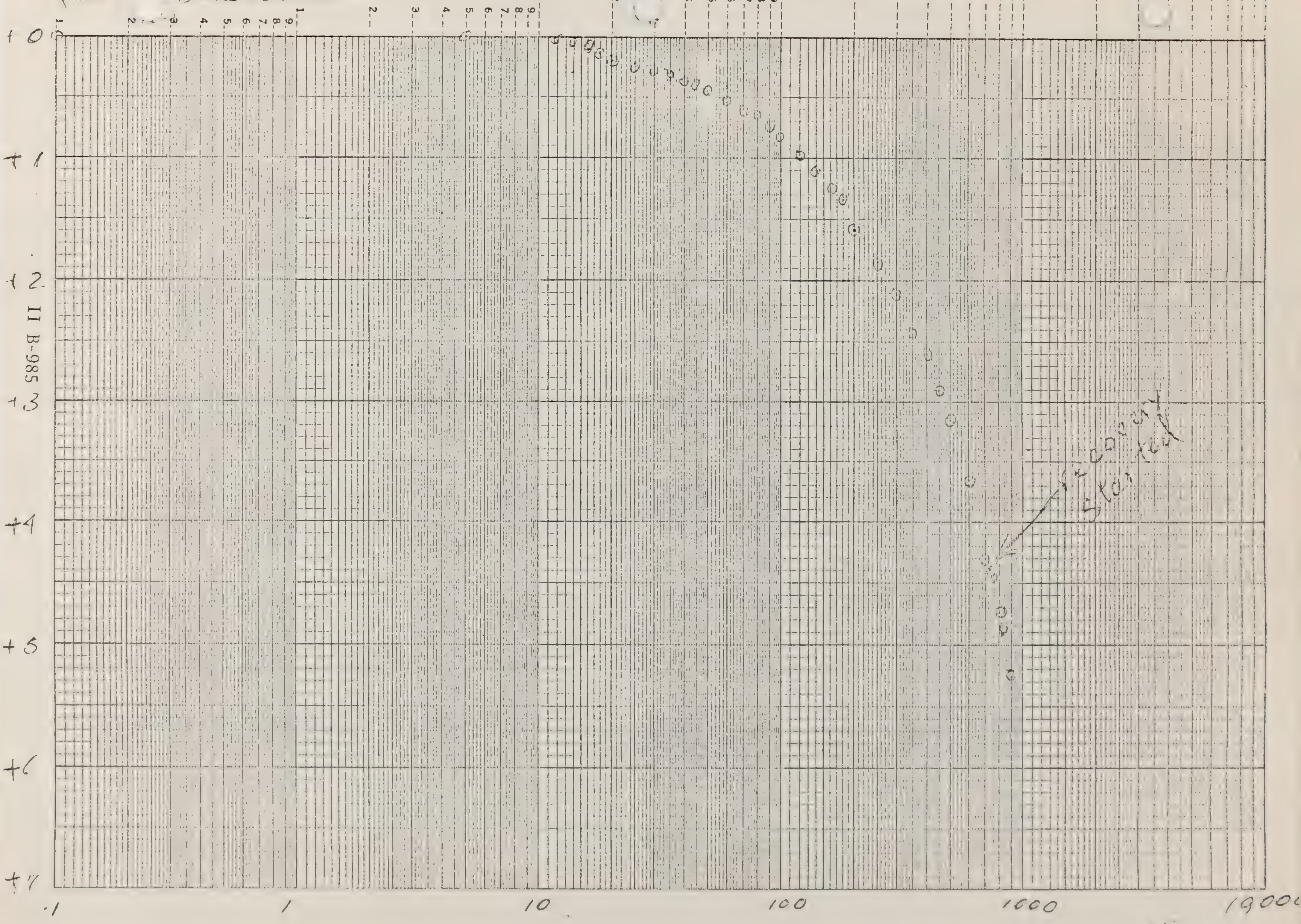
K&E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A. 46 6212

Recovery SG-1 944-968' DST#6



II B-984

[illegible] Drill Down & Recovery Period 5G #1 Annulus



DST #6

PUMP TEST DATA SHEET ; WELL NO. SG-1A

Packer @947' TD 969'

PUMPED WELL SG-1A OBSERVATION WELL SG-1A ANNULUS

DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ [✓ (DRAWDOWN)] ~~(RECOVERY)~~ TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0				820	300	+1.97		5 hr.
5				910	350	+2.75		5 50 min
10				1000	400	+3.0		6 40
12				1050	450	+3.3		7 30
14				1140	500	3 55		8 20
16				1320	600	4.1		10
19				1600	700	4.5		11 40
20				1620	~~800~~ 720			
25	+.23				900			
30	+.23				1000			
35	+.3				1200			
40	+.34							
45	+.40							
50	+.44							
60	+.56		1 hr.					
70	+.67							
80	+.75							
90	+.84							
100	+.91							
120	+1.03		2 hr.					
140	+1.2							
160	+1.39							
180	+1.46		3					
200	+1.58		3 20					
250	1 95		A 10					

DST #6

PUMP TEST DATA SHEET ; WELL NO. S6-1A

PUMPED WELL S6-1A D.P. OBSERVATION WELL S6-1A

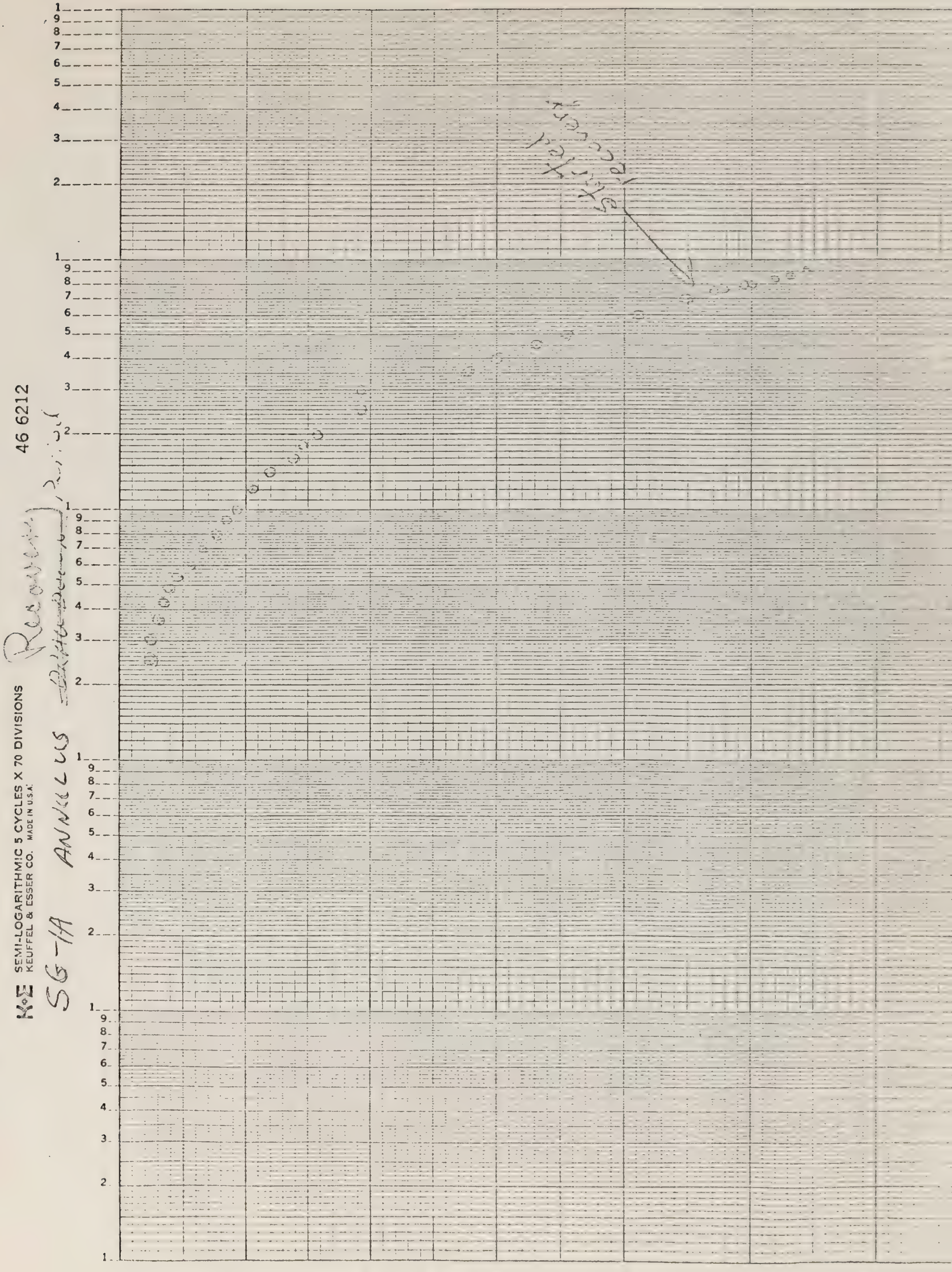
DATE: 1-27-75 STATIC WATER LEVEL 1A ANNULUS

PUMP ~~(ON)~~ (OFF) AT 15:21 ~~(DRAWDOWN)~~ [✓ (RECOVERY)] TEST

WATER TEMP._____ CONDUCTIVITY_____ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0					90	5.05		810
1					100	5.1		820
2					110	5.15		830
3					120	5.2		840
4					140	5.3		860
5				1728	160	5.43		890
6					180			
7					200			
8					220			
9					240			
10								
12								
14								
16			Min.					
18			Since Start of Test					
20			740					
25	4.7		745					
30	4.75		750					
35	4.75		755					
40	4.78		760					
45	4.81		765					
50	4.85		770					
60	4 9		780					
70	4 95		790					
80	5.0		800					


K+E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 6212
SG-1A ANNULUS
Recovery
1
9
8
7
6
5
4
3
2

DST # 7

SG-1A : 968-1001   SG-1 : 968-1002

Date	Start	Stop	
1-27-75			LYNES GAGES TOP PACKER 968' Top 963' middle 998' Bottom 1007' Bottom Packer 1002'
"			Sperry Sun Gages Top 958' Middle 993' Bottom 1012'
" 1-27-75 TO 1-28-75	2130	0050	TRIP IN HOLE SET PACKERS Check Packers for Leaks TIMESET 2330
1-28-75	0050	0820	Move Rig To SG 1A
	0820	1022	~~Set packers in SG 1A~~ ~~Set Jet string~~ drilling 968 to 1001
	1022	1646	Set packers in SG 1A set jet string
	1646	1-29-75 0426	jetting, measure w/well recorder in SG 1 down D.P. & annulus.
1-29-75	0426	0445	prepare for recovery
	0445	0645	recovery in SG 1 down D.P. & Annulus
	0645		trip in for drilling.

DST # 7

Leaking
Packer
Test

PUMP TEST DATA SHEET ; WELL NO. SG-1

SET PK 11'30

PUMPED WELL ________ OBSERVATION WELL SG-1

DATE: 1-28-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ ~~(DRAWDOWN) (RECOVERY) TEST~~

~~WATER TEMP.~~ ________ ~~CONDUCTIVITY~~ ________ ~~SAMPLE TAKEN (YES) (NO)~~

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
WATER	LEVEL	DRILL STEM		ANNULUS		WA	TER LE	VEL	IN
		PRIOR TO	IN	JECTION			ANNULU	S	DURING
STABLIZATION	0	73.9		79:4½		IN	JECTION	of	5 gal/min.
	5	74.9		79.4½		DOW	N DRIL	L	STEM.
	10	75.5		79.4½		0	78.6		
	15	75.93		79.4½		5	78.6		
	20	76.2		79.4½		10	78.6		
				78.6		15	78.6		
		Had to use	different			20	78.6		
		measuring point				25	78.6		
						30	78.6		
						35	78.6		

IF THE RATE OF CHANGE IN THE ANNULUS DURING THE INJECTION IS VERY MUCH HIGHER THAN DURING STABALIZATION RESET PACKERS 1 FOOT HIGHER & RERUN THIS TEST. IF THEY STILL LEAK RESET THEM 1 FOOT LOWER AND RERUN THIS TEST. IF THEY STILL LEAK CALL DON TAIT.

DST # 7

PUMP TEST DATA SHEET ; WELL NO. SG-1A

Leaking Packer Test

PUMPED WELL SG-1A OBSERVATION WELL SG-1B

DATE: 1-28-75 STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ ~~(DRAWDOWN) (RECOVERY) TEST~~

~~WATER TEMP.~~ ______ ~~CONDUCTIVITY~~ ______ ~~SAMPLE TAKEN (YES) (NO)~~

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
WATER	LEVEL	DRILL STEM		ANNULUS		WATER	LEVEL		IN
		PRIOR TO	INJECTION				ANNULUS		DURING
STABILIZATION	0	73.9		78.6			INJECTION	of	5 gal/min.
	5	74.9		78.6		DOWN	DRILL		STEM
	10	75.5		78.6		0	78.6		
	15	75.9		78.6		5	78.6		
	20	76.2		78.6		10	78.6		
						15	78.6		
						20	78.6		
						25	78.6		
						30	78.6		
						35	78.6		

IF THE RATE OF CHANGE IN THE ANNULUS DURING THE INJECTION IS VERY MUCH HIGHER THAN DURING STABALIZATION RESET PACKERS 1 FOOT HIGHER & RERUN THIS TEST. IF THEY STILL LEAK RESET THEM 1 FOOT LOWER AND RERUN THIS TEST. IF THEY STILL LEAK CALL DON TAIT.

PUMP TEST DATA SHEET ; WELL NO. 56-1

DST #7

Packed interval 968 - 1002

PUMPED WELL 56-1A OBSERVATION WELL 56-1

Drill Pipe

DATE: 1-29-75 STATIC WATER LEVEL

PUMP (ON) (~~OFF~~) AT 1646 (DRAWDOWN) (~~RECOVERY~~) TEST

OFF at 426

WATER TEMP. 12.5 CONDUCTIVITY 2250 SAMPLE TAKEN (~~YES~~) (NO)

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
1646	0	72.8			21:46	300	73.9		
1651	5	72.6			22:36	350	73.95		
1656	10	~~69.2~~ 72.8			23:26	400	74.05		
1658	12	—			24:16	450	74.15		
1700	14	~~[illegible]~~ 72.7			1:06	500	74.2		
	16	—			[illegible]:46	600	74.25		
1704	18	~~67.0~~ 73.0			4:26	700	74.25		
[illegible]	20	~~67.~~				~~800~~			
1711	25	~~67.0~~ 73.0				900			
1716	30	~~67.2~~ 72.8				1000			
1721	35	~~66.9~~ 73.1				1200			
1726	40	~~67.1~~ 72.9				1400			
1731	45	~~66.9~~ 73.1							
1736	50	~~67.0~~ 73.0							
1746	60	~~66.9~~ 73.1							
1756	70	~~66.8~~ 73.2							
[illegible]	80	~~66.7~~ 73.3							
1816	90	~~66.8~~ 73.2							
1826	100	~~66.4~~ 73.6							
[illegible]	120	~~66.6~~ 73.4							
1906	140	~~66.5~~ 73.5							
[illegible]	160	~~66.4~~ 73.6							
[illegible]	180	73.0							
[illegible]	200	73.75							
[illegible]	250	73.75							

DST #7

PUMP TEST DATA SHEET ; WELL NO. SG-1

968-1002

PUMPED WELL SG-1A OBSERVATION WELL SG-1

Annulus

DATE: 1-29-75 STATIC WATER LEVEL

ON 1646

PUMP ~~(ON)~~ (OFF) AT 426 (DRAWDOWN ~~RECOVERY~~) TEST

WATER TEMP. CONDUCTIVITY SAMPLE TAKEN (YES) (NO)

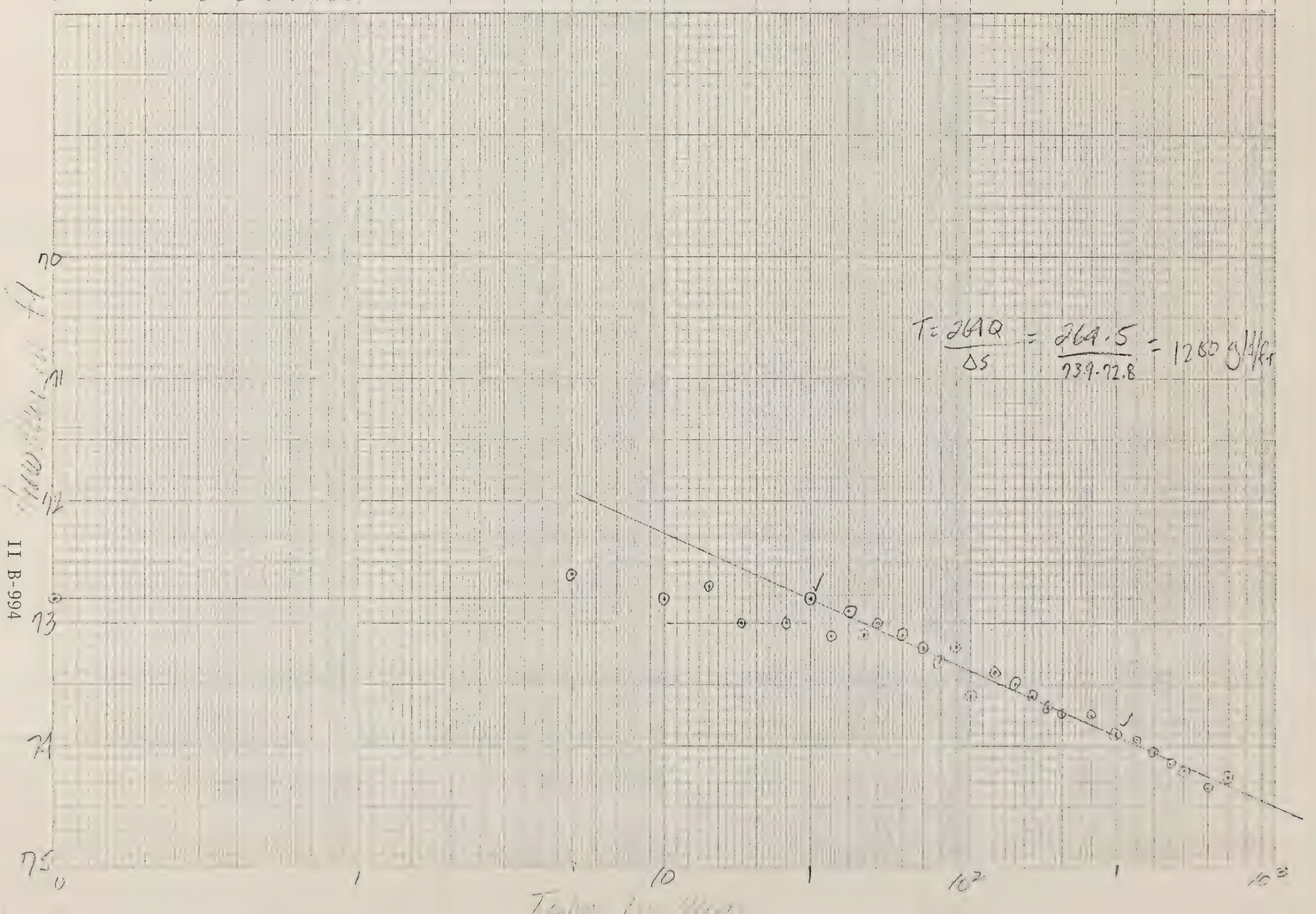
MP = MEASURING POINT MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
1648	0	83.2 ~~8[illegible].2~~				300	76.6		
1651	5	79.8				350	7[illegible]		
1656	10	79.4				400	75.7		
1658	12	~~[illegible]~~				500	75.65		
1700	14	~~79.4~~ [illegible]				600	75.4		
	16	—				700	7[illegible].7		
	18	79.1				800	74.15		
	20	—				~~900~~			
	25	79.1				~~1000~~			
	30	79.0				~~1200~~			
	35	79.0				~~1400~~			
	40	79.0							
	45	79.0							
	50	78.7							
	60	78.5							
	70	78.3							
	80	78.2							
	90	78.4							
	100	78.1							
	120	78.4							
	140	77.8							
	160	77.8							
	180	78.1							
	200	77.6							
	250	77.2							

K&E SEMI-LOGARITHMIC 4 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 6013

Packed interval: 968-1002

DST #7 SG-1



$$T = \frac{264Q}{\Delta S} = \frac{264 \cdot 5}{73.9 - 72.8} = 1280 \text{ g/d/ft}$$

DST # 7

PUMP TEST DATA SHEET ; WELL NO. SG-1

RECOVERY

9' 5 - 1032

PUMPED WELL SG-1A OBSERVATION WELL SG-1

DATE: 1-29-75 STATIC WATER LEVEL DRILL STEM & ANNULUS

PUMP (~~ON~~) (~~OFF~~) ON AT ~~426~~ 1646 (~~DRAWDOWN~~) (RECOVERY) TEST

WATER TEMP. _____ CONDUCTIVITY _____ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP DR M		PUMP RATE ANNULUS	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0			changed sounder					
	5	74.35		75.4					
	10	74.35		75.35					
	12	74.35		75.35					
	14	74.3		75.35					
	16	74.35		75.35					
	18	74.4		75.4					
	20	74.4		75.4					
	25	74.3		75.3					
	30	74.3		75.3					
	35	74.3		75.3					
20 MIN	40	74.2		75.3					
READINGS	45	~~74.17~~		~~75.2~~					
	50	74.17		75.2					
	60	74.1		75.1					
	70	74.1		75.1					
	80	73.95		74.9					
0645	90	73.85		74.9					
	100								
	110								
	120								
	130								
	140								
	150								
	160								

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR________ WELL NAME & NUMBER SG 1A LOCATION DST #7

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
1-28	22:36		11.0	2400				5 g/m	
	23:26		11.0	2200				5 g/m	
	24:16		11.0	2200				5 g/m	
	1.06		12.0	2250				5 g/m	
	2:46		12.5	2250				6 g/m	
	~~4:26~~								
	~~4:16~~								

Test #8 Pkr Depth Top 1123' Bottom 1158'

Bottom

Sperry Sun Gauges Top 1117' Middle 1132 -11

DATE	START TIME	End TIME	Description
1/31/75	0300	0358	Making up Tools to go in hole
	0358	0506	Going in hole to Bottom
	05:06	05:31	Riging up Kelley to Set Pkrs.
	05:31	0535	Pumping H_2O To set Pkrs. Pkrs set @ 0535
	05:35	05:58	Pkr. check
	05:58	06:10	Prep for Test #8
1-31-75	6:10		START Test #8 - START injection @ 6:10
2/1/75	6:10	10:10	STopped injection - start recovery

10 10 END RECOVERY - SJ Logging

SG-1 - Packers @ 1123 & 1188'

SG-1A - Packer @ 1125 TD 1180'

TEST
#
8

PUMP TEST DATA SHEET ; WELL NO. ______

TEST #8 1123 - 1188

PUMPED WELL __________ OBSERVATION WELL SG-1 DRILL STEM

DATE: 1/31/75 STATIC WATER LEVEL __________

PUMP (ON) (~~OFF~~) off AT 6:10 hrs. (DRAWDOWN ( ) TEST

WATER TEMP. _____ CONDUCTIVITY _____ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
6:10	0	76.4 = 0			11:10	300	19.28		
	5	-2.35			1200	350	19.87		
	10	-4.58			1250	400	20.35		
	12	-5.22			1341	450	20.78		
	14	-5.83			1430	500	21.17		
	16	-6.35			1610	[illegible]	22.00	620 MIN	
	18	-6.87			1750	700	22.37		
	20	-7.34		Take Samples	1930	800	22.85		
	25	-8.32			2110	900	23.43		
	30	-9.14			2250	1000	23.77		
	35	-9.84		2-1-75	2:10	1200	24.33		
	40	-10.44			5:30	1400	24.78		
	45	10.98			6:10	1440	24.85		
7:00	50	11.48							
7:10	60	12.31							
7:20	70	13.08							
7:30	80	13.75							
7:40	90	14.28							
7:50	100	14.74							
8:10	120	15.48							
x8:30	140	16.22							
8[illegible]0	160	16.66							
9:10	180	17.13							
9:30	200	17.58							
10:20	250	18.53							

DST #8

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER 5G -1A LOCATION

1123-1188'

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS REMARKS
1-31	0710		13°C	1900		6"		12 g/m	200
1-31	0810		15°C	1700		6"		6 g/m	200
1-31	0910		15°C	1700			5/37 sec	8.1 g/m	200
1-31	1010		16.5°C	1750				11	200
1-31	1110		16.00	1800	U.S.G.S. Measurements			10	200
1-31	1210		17.00	1800			9/8 sec	7.5	200
1-31	1310		17.0°C	1800			19/7 sec	8.4	200
1-31	1410		17.0°C	1800			19/7 sec	8.4	200
1-31	1510		17.0	1800			19/7 sec	8.4	200
1-31	1610		17.0°C	1800			19/7.5 sec	9	200
1-31	1710		17.0°C	1800				9	200
1-31	1810		18.0°C	1800				9	200
1-31	1910		18.0	1800				9	200
1-31	2010		18.0	1800				9	200
	2110		18.0	1800				9	200
	2210		18.0	1800				9	200
	2310		18.0	1800				9	200
	2410		18.0	1800				9	200
2-1	0110		18.0	1700				9	200
	2:10		18.0	1700				9	200

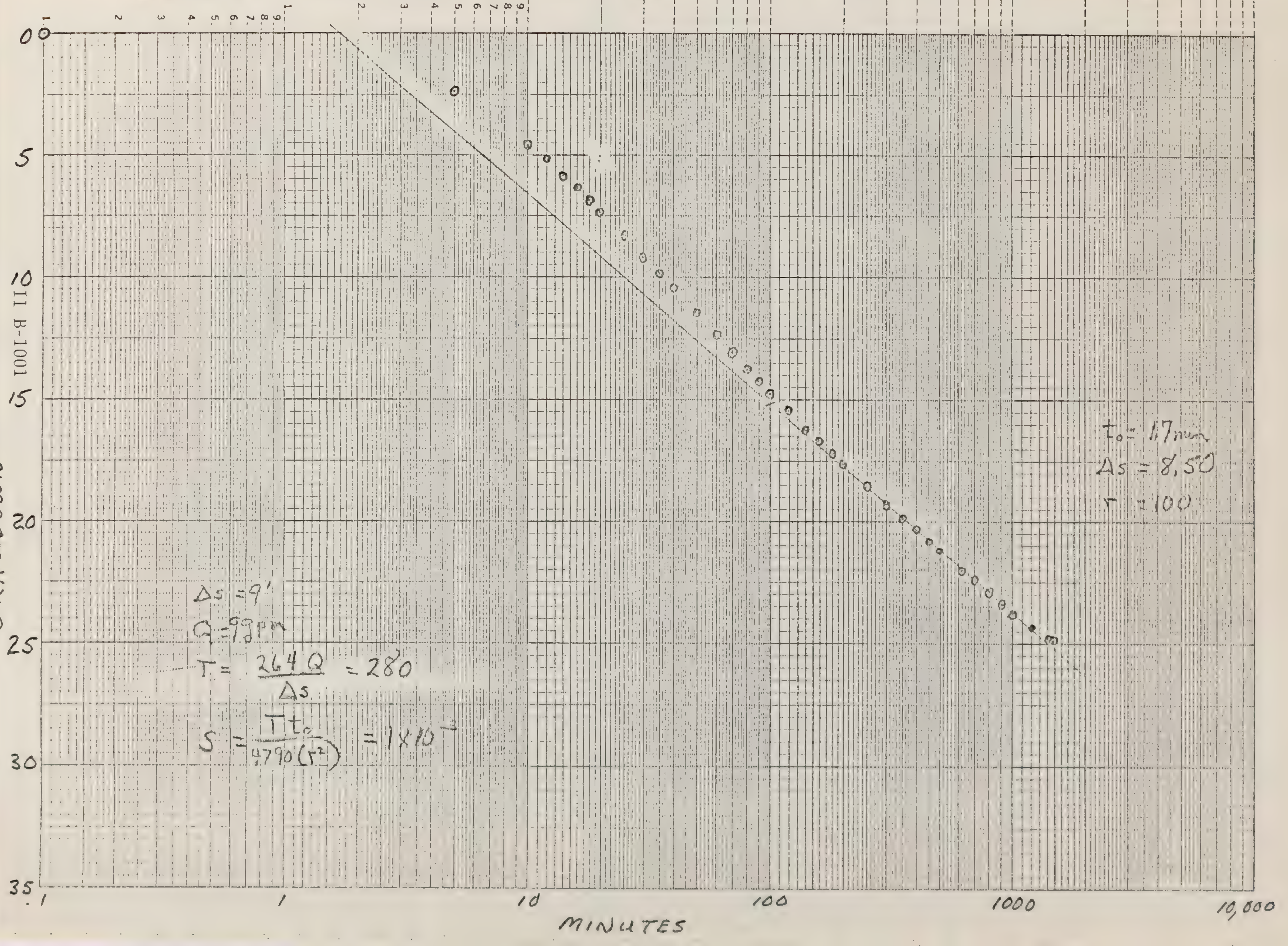
WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR________ WELL NAME & NUMBER____________________ LOCATION____________

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	Air Press REMARKS
2-1	3:10		18.0	1800		[illegible]		9g/m	200 lbs
	4:10		18.0	1800				9g/m	200 lbs
	5:10		18.0	1800				9g/m	200 lbs

Nº 2 KEUFFEL & ESSER CO. MADE IN U.S.A.

[illegible] = 76.4'   DRAWDOWN   1123'-112[illegible]'   DST #8   SG #1



II B-1001

PUMP TEST DATA SHEET ; WELL NO. SG-1

1123 - 1188

Test #8

PUMPED WELL SG-1A OBSERVATION WELL SG-1 drill pipe

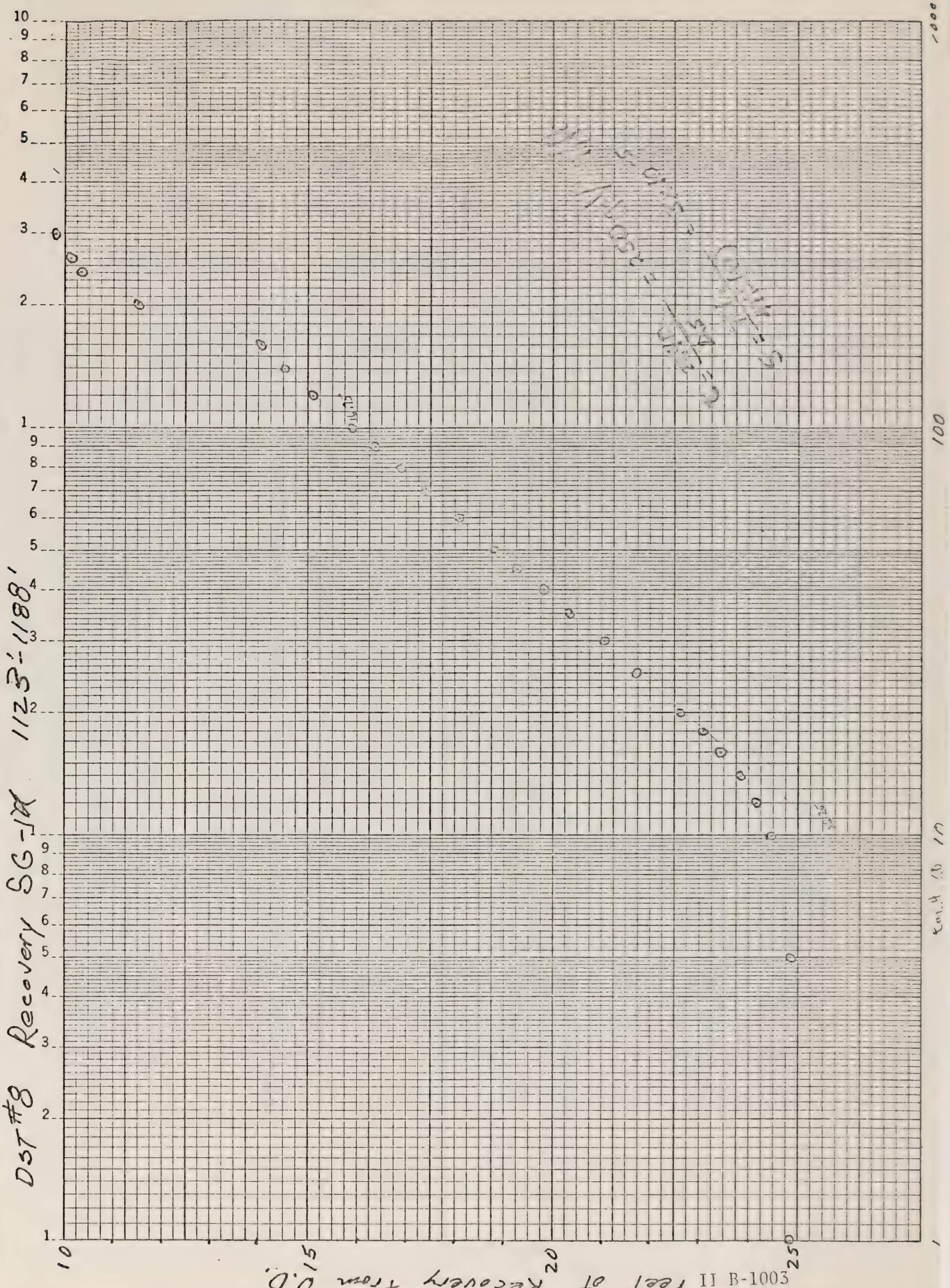
DATE: 2-1-75 STATIC WATER LEVEL ______

PUMP ~~(ON)~~ (OFF) AT 6:10 hrs. ([redacted]) (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	recovery down drill pipe						0 = 76.2		
6:10	0	24.85							
	5	24.87							
	10	24.42			1030	260	80.1+6.2 =	86.3-76.2 =	10.1
	12	24.17			1110	300	79.7+6.2 =	85.9-76.2 =	9.7
	14	23.93							
	16	23.41							
	18	23.06							
	20	22.67			Pulling Tubing @ 1040 hrs				
	25	21.70							
	30	21.02							
	35	20.35							
	40	19.80							
	45	19.27							
	50	18.85							
7:10	60	18.07							
	70	17.38							
	80	16.83							
	90	16.37							
	100	15.96							
8:10	120	15.11							
	140	14.56							
	160	14.08							
9:10	180	SOUNDER QUIT							
	200	81.5 + 6.2 =		87.7 - 76.2 = 11.5	?				
10:10	240	80.3 + 6.2 = 86.5 -		76.2 = 10.3					



DST #8 Recovery SG-1A 1123'-1188'

Feet of Recovery from D.O.

Test #8 Vertical Perm.

PUMP TEST DATA SHEET ; WELL NO. SG-1

Packed 1123-1188'

PUMPED WELL SG-1A

Data From
OBSERVATION WELL SG1 Annulu

DATE: 1-31-75 → 2-1-75

Drawdown
STATIC WATER LEVEL ______

PUMP (ON) ([illegible]) AT 6:10 hrs. (DRAWDOWN) ([illegible]) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
6:10	0	83.5			1110	300	1.77		
6:15	5	+.12			1200	350	2.02		
6:20	10	+.21			1250	400	2.20		
6:22	12	+.22			1340	450	2.4		
6:24	14	+.23			1430	500	2.6		
6:26	16	+.23			1610	[illegible]	3.1	620 min	
6:28	18	+.24			1750	700	3.4		
6:30	20	+.25			1930	800	3.7		
6:35	25	+.30			2110	900	4.12		
6:40	30	+.31			2250	1000	4.44		
6:45	35	+.36		2-1-75	2:10	1200	4.95		
6:50	40	+.40			5:30	1400	5.56		
6:55	45	+.42			6:10	1440	5.56		
7:00	50	+.45							
710	60	+.50							
720	70	+.56							
730	80	+.61							
740	90	+.68							
750	100	+.71							
810	120	+.87							
830	140	+1.0							
[illegible]50	160	1.1							
910	180	1.2							
930	200	1.3							
1020	250	1.53							

PUMP TEST DATA SHEET ; WELL NO. SG-1A

TEST # 8

Packed 1125- 1180

PUMPED WELL SG-1A OBSERVATION WELL SG-1-A Annulus

DATE: 1-31-75 → 2-1-75 STATIC WATER LEVEL ______

PUMP (ON) ~~(OFF)~~ AT 6:10 hrs. (DRAWDOWN) [illegible] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
6:10	0	76.85				300	2.4		
	5	~~7[illegible]~~ +.14				350	2.65		
	10	+.4			420	[illegible]	3.1		
	12	+.4				450	3.2		
	14	+.5				580	3.25		
	16	+.5			620	600	3.7		
	18	+.5				700	4.0		
	20	+.5				800	4.4		
	25	+.55				900	4.8		
	30	+.6				1000	5.0		
	35	+.7				1200	5.9		
	40	+.75				1400	6.5		
	45	+.75				1440			
	50	+.8							
7:10	60	+.9							
	70	+.95							
	80	+1.0							
	90	+1.1							
	100	+1.15							
8:10	120	+1.3							
	140	+1.4							
	160	1.6							
9:10	180	1.7							
9:30	200	1.85							
10:20	250	2.3							

ARCO, et al   #7 DRILL PIPE
PUMP TEST DATA SHEET; WELL NO. SG-1A
1125 - 1180'

PUMPED WELL SG-1A   OBSERVATION WELL SG-1A

DATE: 2-1-75   STATIC WATER LEVEL ______

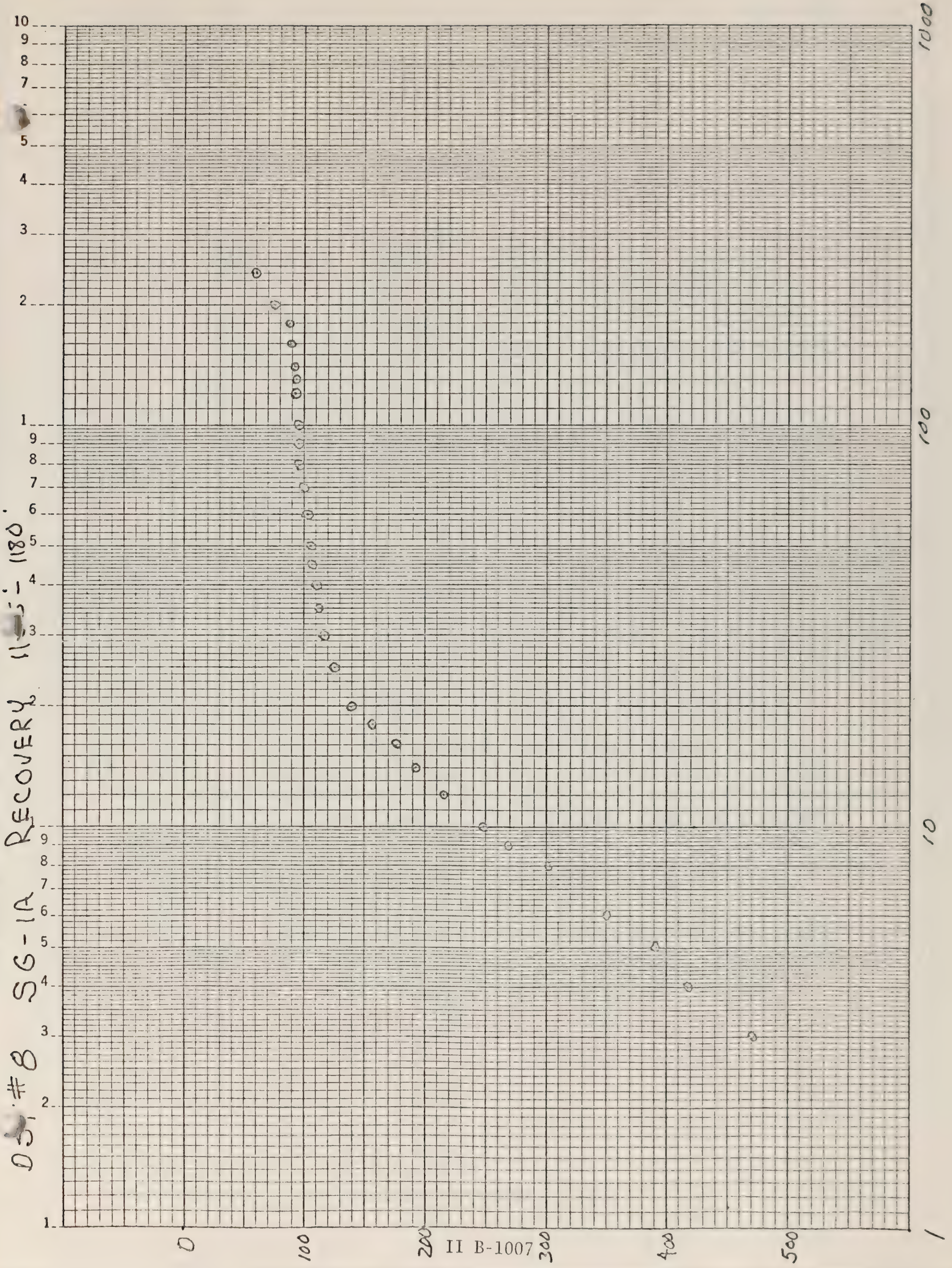
PUMP (~~ON~~) (OFF) AT 6:10 hrs. (~~DRAWDOWN~~) (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT   MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
6:10	0					90	96.4		
	1					100	95.0		
	2					~~110~~	92.43		
	3	471.8			8:10	120	92.	43	
	4	418.0			8:30	140	91.22		
	5	390.1			8:50	160	89.7		
	6	350.2			9:10	180	88.6		
	7	—				200	87.5		
	8	301.5			10:10	240	86.0		
	9	269.6							
	10	249.3							
	12	216.6							
	14	192.8							
	16	177.9							
	18	157.5							
	20	140.0							
	25	126.1							
	30	118.4							
	35	113.6							
	40	110.3							
	45	107.8							
	50	105.7							
7:10	60	102.3							
	70	100.0							
	80	97.9							

DST #8 SG-1A RECOVERY 11[illegible]'- 1180'



K&E KEUFFEL & ESSER CO. MADE IN U.S.A.

II B-1007

START	STOP	Description DST#9
4:51 P.M. 5:05 P.M. 5:15 P.M. ~~2-3-75~~ 2-2-75 17:50	18:35	Bottom gauge Top gauge Middle gauge STARTED IN HOLE
18:35	18:50	Set Packer
18:50	20:00	Test for leaky Packer
~~2-3-75~~ 2-2-75 20:00	2-3-75 20:00	DRAWDOWN
~~2-3-75~~ 2-3-75 20:00	2-3-75 24:00	RECOVERY DOWN DRILL STEM SG#1 & SG#1A
2-4-75 00:00		PREP TO COME OUT OF HOLE PULL PACKER @ 00:35
		SG-1A- Packers @ 969 & 1001' SG- 1- Packers @ 968 & 1002
		Mis run - blew up packer in SG-1

DST #9

SG-1 Test Depth 969 -1001

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR Arco WELL NAME & NUMBER Sorghum Gulch #1A LOCATION ____

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
2-2	21:00		15.0°C	2300				12 g/m	
	22:00		15.5°C	2250				12 g/m	
	23:00		16.0°C	2250				12 g/m	
	24:00		18.0°C	2200				12 g/m	
2-3-75	01:00		18.0°C	2250				12 g/m	
	02:00		17.0°C	2200				12 g/m	
	300		17.5	2200				12 g/m	
	4:00		17.5°C	2350				12 g/m	
	5:00		17.5°C	2350				12 g/m	
	6.00		17.5°C	2400				12 g/m	
	7:00		17.5°C	2400				12 g/m	
	8:00		17.5	2400				12 g/m	
	9:00		17.5	2400				15 g/m	
	10:00		18.	2200				15 g/m	
	11:00		17.5	2400			5 gal/19 sec	≈13 g/m	
	12 00		17.5	24·00				16	
	13:00		17.5	2400				15	
	1400		17.5	2500				15 g/m	
	1500		17.5	2500				15 g/m	
	1600		17	2400				15 g/m	

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DST #9

SG-1 Test Depth 969 -1001

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR Arco WELL NAME & NUMBER Sorghum Gulch #1A LOCATION

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
2-3-75	1700		17.5	2400				15g/m	
	1800		17.5	2400				13g/m	
	1900		18	2400				13g/m	
	2000								

DST #9

PUMPED WELL SG#1A OBSERVATION WELL SG#1 DRILL STEM

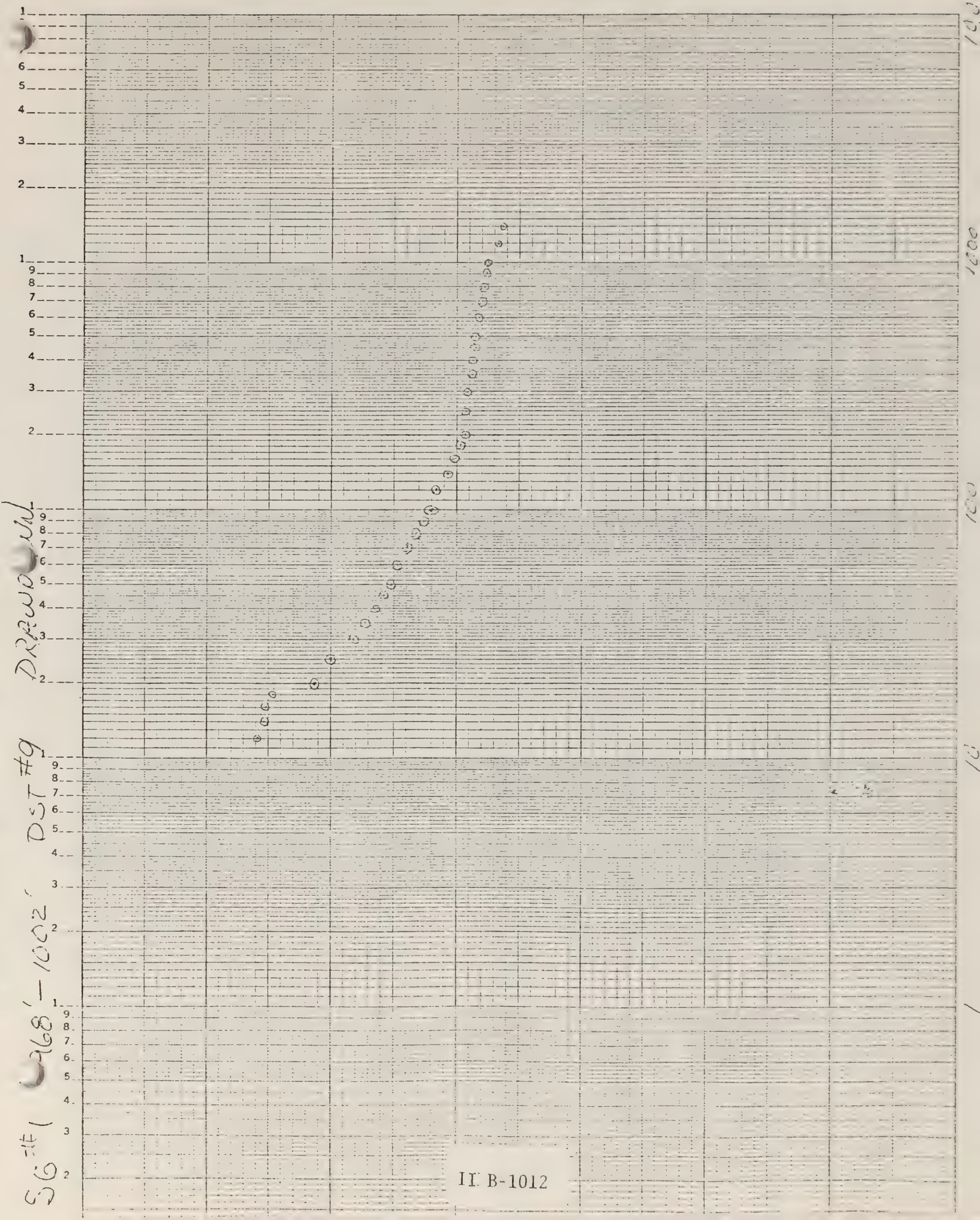
DATE: ________ STATIC WATER LEVEL ________

PUMP (ON) (OFF) AT ________ ([✓ DRAWDOWN]) (   ) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
20:00	0	45.6			1:00	3.00	5.23		
	5	~~.77~~			1:50	350	5.31		
	10	~~.775~~			2:40	400	5.36		
	12	1.05			3:30	450	5.40		
	14	~~1.12~~			4:30	500	5.42		
	16	1.2			6:00	600	5.45		
	18	1.35			7:40	700	5.5		
	20	2.2			9.20	800	5.57		
	25	2.5			11:00	900	5.60		
	30	2.95			1240	1000	5.66		
	35	3.2			1600	1200	5.78		
	40	3.4			1920	1400	5.9		
	45	3.55			2000	1440			
	50	3.7							
21:00	60	3.8							
	70	4.0							
	80	4.2							
	90	4.35							
	100	4.5							
22:00	120	4.65							
	140	4.8							
	160	4.95							
3:00	180	5.05							
	200	5.15							
[illegible]	250	5.17							



K+E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 6212

II. B-1012

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PUMP TEST DATA SHEET ; WELL NO. SG#1

968 -1002

DST #9

PUMPED WELL SG#1A OBSERVATION WELL SG#1 Annulus

DATE:______ STATIC WATER LEVEL______

PUMP (ON) (OFF) AT______ [✓ (DRAWDOWN)] [illegible] TEST

WATER TEMP.______ CONDUCTIVITY______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	74.9				300	74.9		
	5	74.9				350	74.9		
	10	74.9				400	74.9		
	12	74.9				450	74.9		
	14	74.9				500	74.9		
	16	74.9				600	74.9		
	18	74.9			920	700	-.3	DOWN	
	20	74.9			11:00	800	-.3		75.2
	25	74.9			1240	900	-.3		
	30	74.9			1600	1000	-.3		
	35	74.9			1920	1200	-.4		
	40	74.9				1400			
	45	74.9				1440			
	50	74.9							
	60	74.9							
	70	74.9							
	80	74.9							
	90	74.9							
	100	74.9							
	120	74.9							
	140	74.9							
	160	74.9							
	180	74.9							
	200	74.9							
	250	74.9							

PUMP TEST DATA SHEET ; WELL NO. SG #I

DST #9

PUMPED WELL SG # 1A OBSERVATION WELL SG#I-1 Drill Pipe

DATE: 2-3-75 STATIC WATER LEVEL ________

PUMP (~~ON~~) ([✓ OFF]) AT 2000 hrs (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1' FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	Recovery Down D.P.					240	6.0		
	0	5.9							
	5	5.9							
	10	5.9							
	12	5.9							
	14	5.9							
	16	5.9							
	18	5.9							
	20	5.9							
	25	5.9							
	30	5.9							
	35	5.9							
	40	5.9							
	45	5.9							
	50	5.9							
	60	5.9							
	70	5.9							
	80	5.9							
	90	5.9							
	100	5.9							
	120	5.9							
	140	5.9							
	160	5.9							
	180	5.9							
	200	6.0							

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PUMP TEST DATA SHEET ; WELL NO. SG*

969 - 1001.

DST #9

PUMPED WELL SG#1A OBSERVATION WELL SG#1A

DATE: 2-2-75 STATIC WATER LEVEL ______

PUMP (ON) ([illegible]) AT 3000 (DRAWDOWN) [illegible] TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
20:00	0 =	71.21				300	2,04		
	5	+.66				350	2,04		
	10	+1,30				400	2,03		
	12	+1,89				450	2.04		
	14	+1,9				500	2,00		
	16	+1.92				600	1.95		
	18	+1,94			7:40	700	1,9		
	20	+1,96			9:20	800	1.9		
	25	+1,98			11:00	900	1.95		
	30	+1,98			1240	1000	2.00		
	35	2,00			1600	1200	2.00		
	40	2,00			1920	1400	2.00		
	45	2,00				1440			
	50	2,00							
	60	2,00							
	70	2,00							
	80	2,02							
	90	2,02							
	100	2,02							
	120	2,03							
	140	2,04							
	160	2,04							
	180	2.04							
	200	2,04							
24:10	250	2,04							

DST#9

PUMP TEST DATA SHEET ; WELL NO. SG#1A

969-1001

PUMPED WELL SG#1A OBSERVATION WELL ______

DATE: 2-3-75 STATIC WATER LEVEL 3/4" Tubing

PUMP (~~ON~~) ([✓ OFF]) AT 2000 hrs (~~DRAWDOWN~~) ([✓ RECOVERY]) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP ____ FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0					90	74.5		
	1					100	74.45		
	2					120	74.1		
	3	366.9				140	73.6		
	4	299.0				160	73.9		
	5	225.5				180	73.7		
	6	171.0				200	73.8		
	7	146.3				240	73.55		
	8	119.0							
	9	104.5							
	10	96.5							
	12	84.0							
	14	81.2							
	16	79.2							
	18	78.6							
	20	78.1							
	25	77.7							
	30	77.5							
	35	75.6							
	40	76.0							
	45	75.8							
	50	75.3							
	60	75.2							
	70	75.0							
	80	74.75							

DST #10

PUMP TEST DATA SHEET ; WELL NO. SG-1

SG-1 : 968-1008 SG-1A : 969-1009

PUMPED WELL SG-1A OBSERVATION WELL SG-1
DRILL STEM

DATE: 2-5-75 STATIC WATER LEVEL ________

PUMP (ON) (~~OFF~~) AT 1421.5 (DRAWDOWN) (~~RECOVERY~~) TEST
OFF AT ________

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (~~NO~~)

MP = MEASURING POINT MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	0				250	38.0'		
	5	1.35'			1930	300	39.4		
	10	5.35			2020	350	40.5		
	12	6.55			2110	400	41.4		
	14	7.65			2200	450	42.0		
	16	9.02			2250	500	42.6		
	18	10.25			0030	600	43.7		
	20	12.9			0210	700	44.3		
	25	15.33			0350	800	44.9		
	30	18.73			0530	900	45.2		
	35	20.2			0710	1000	45.6		
	40	21.8			1030	1200	46.0		
	45	22.4			1340	1400	46.9		
	55	22.8			14	1440	47.'		
	60	239							
	70	24.6							
	80	270							
	90	28.3							
	100	29.15							
	120	30.9							
	140	32.5							
	160	33.75							
	180	—							
	200	35.9							

DST #10

PUMP TEST DATA SHEET ; WELL NO. SG-1

SG-1 : 968 - 1008 SG-1A : 969 - 1009

PUMPED WELL SG-1A OBSERVATION WELL SG-1 ANNULUS

DATE: 2-5-75 STATIC WATER LEVEL ______

PUMP (ON) ~~(OFF)~~ AT 14:21.5 (DRAWDOWN) ~~(RECOVERY)~~ TEST
OFF AT ______

- Down
+ up

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	-≈.03				250	-.45		
	5	.03				300	-.5		
	10	.03				350	-.5		
	12	.03				400	-.5		
	14	-≈.05'				450	-.53		
	16	-≈.05'				500	-.55		
	18	-≈.07				600	-.64		
	20	-≈.07				700	-.62		
	25	-≈.08				800	-.54		
	30	-≈.12				900	-.65		
	35	-≈.12				1000	-.67		
	40	-≈.12				1200	-.70		
	45	-.12				1400	-.75		
	50	-.12				1440	-.75		
	60	-.12							
	70	-.25	— swabbed with rag to remove grease						
	80	—							
	90	—							
	100	—							
	120	-.3							
	140	-.35							
	160	.35							
	180	—							
	200	.40							

II B-1018

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR________ WELL NAME & NUMBER____________________ LOCATION____________

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
2-5-75	1530	1	15	2350		1 gal/sec	→	8.6	
2-5-75	16:30	2	15	2400				10	
	1730	3	15	2400				10	
	1830	4	15	2400				10	
	1930	5	15	2400				10	
	2030	6	15	2400				10	
	2130	7	16	2400				10	
	2230	8	16	2400				10	
	2330	9	16	2400				10	
2-6-75	0030	10	16	2300				10	
	0130	11	16	2400				10	
	0230	12	16	2500				10	
	0330		16	2400				10	
	0430		16	2400				10	
	0530		16	2400				10	
	0630		16	2400				10	
	0730		17	2300				10	
	0830		17	2300				10	
	930		17	2500				10	
	1630		19	2300				10	

take samples →

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR________ WELL NAME & NUMBER______________________ LOCATION____________

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - glm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
2-6-75	1130		18	2400				10	
	1230		18	2350				10	
	13.30		18	2350				10	
	1430		18.	2350				10	

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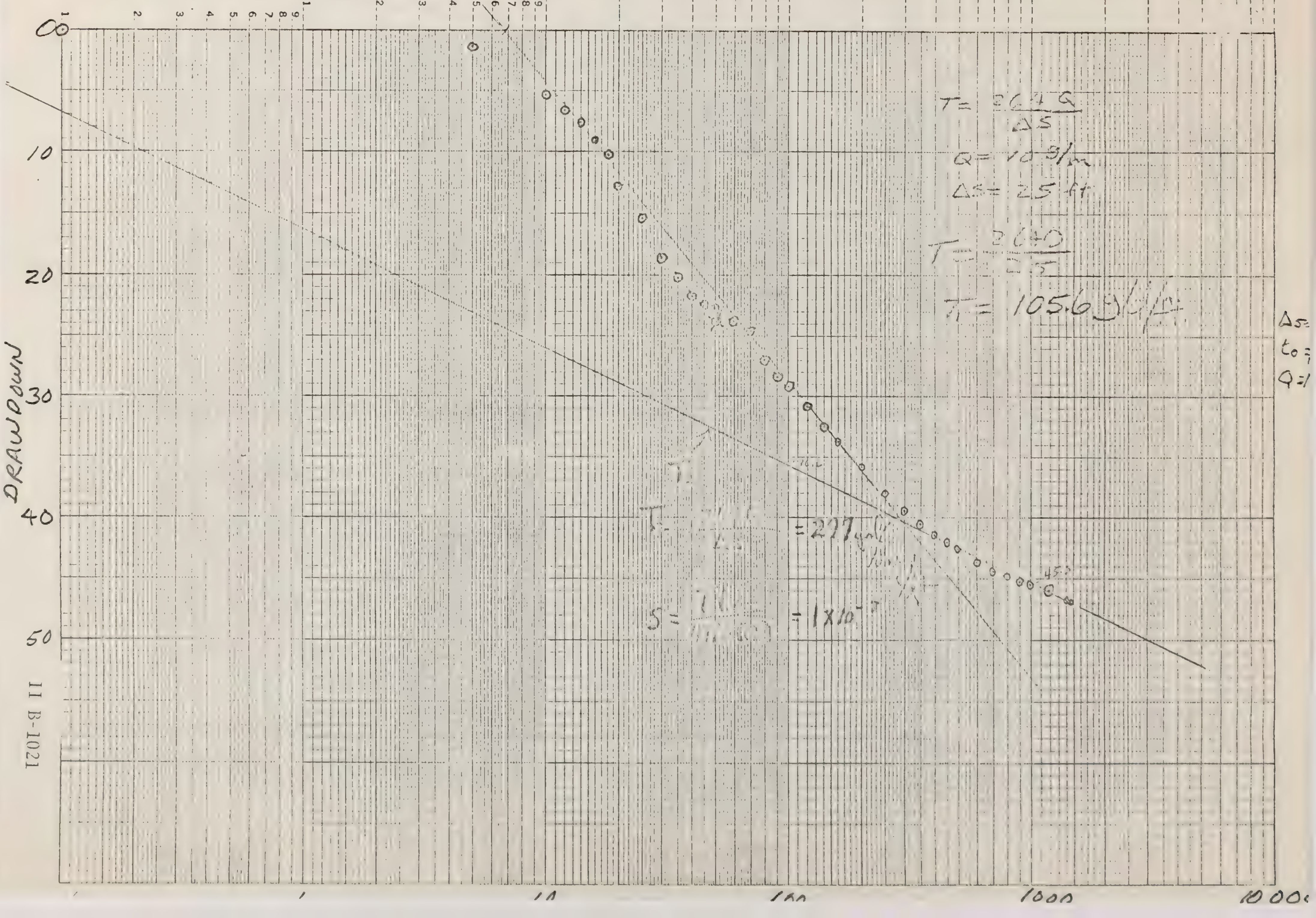
DST#10 DRAWDOWN 5G-1 968-1008



II B-1021

PUMP TEST DATA SHEET ; WELL NO. ______

PUMPED WELL SG-1A OBSERVATION WELL SG-1

DATE: 2-6-75 STATIC WATER LEVEL 969-1009

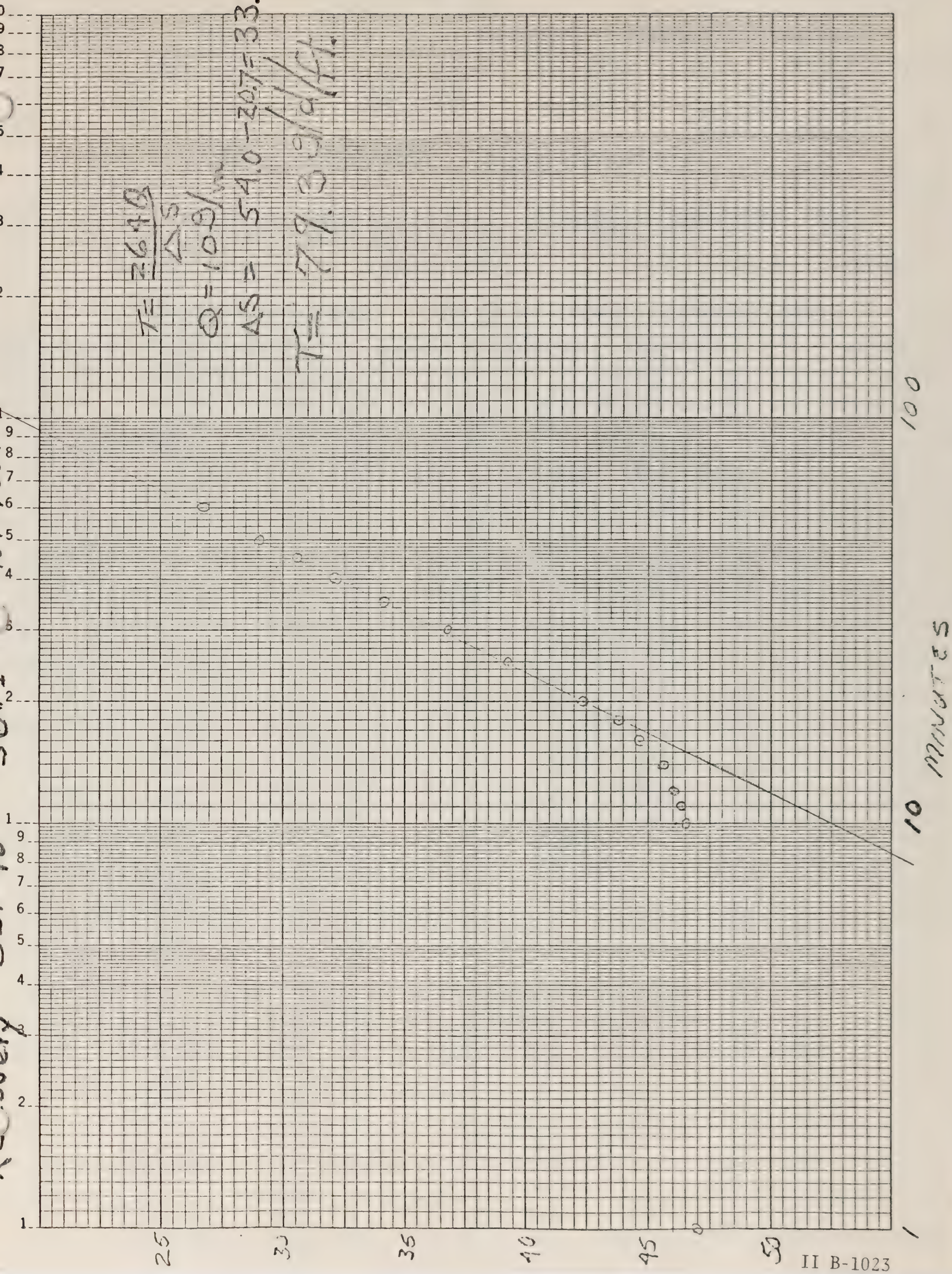
PUMP ~~(ON)~~ (OFF) AT 1421.5' ([redacted]N) (RECOVERY) TEST

WATER TEMP. ______ CONDUCTIVITY ______ SAMPLE TAKEN (YES)([redacted])

MP = MEASURING POINT MP .6' FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	47.0							
	5								
	10	46.6							
	11	46.4							
	12	46.1							
	14	45.7							
	16	44.7							
	18	43.8							
	20	42.4							
	25	39.3							
	30	36.8							
	35	34.1							
	40	32.2							
	45	30.6							
	50	29.0							
	60	26.8							
		unseated Packers							

Recovery DST#10 SG#1 969-1001



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DST #10

PUMP TEST DATA SHEET ; WELL NO. ______

SG-1: Packers @ 968 & 1008   SG-1A: Packers @ 969 & 1009'

PUMPED WELL SG-1A   OBSERVATION WELL SG-1A ANNULUS

DATE: 2-5-75   STATIC WATER LEVEL ______

PUMP (ON) (OFF) AT 1421.5 (DRAWDOWN) (RECOVERY) TEST
OFF AT ______

WATER TEMP. ______   CONDUCTIVITY ______   SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT   MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
	0	0				250	-.05		
	5	-.1				300	-.1		
	10	.1				350	-~~.15~~ .15		
	12					400	-.19		
	14					450	-.19		
	16					500	-.19		
	18					600	-.19		
	20	-.05				700	-.19		
	25					800	-.19		
	30	.00				900	-.24		
	35	00				1000	-.24		
	40	.00				1200	-.24		
	45	.00				1400	-.24		
	50	.00				1440			
	60	.00							
	70	.0							
	80	.0							
	90	.0							
	100	+.02							
	120	.00							
		.00							
		.00							
		.00							

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